

2,6-Pyridinedicarboxylic acid

Other names:	2,3-pyridinedicarboxylic acid 2,6-Dipicolinic Acid 2,6-Pyridinedicarboxylic acid-2,6-dipicolinic acid 2,6-dicarboxypyridine DPA DPac Dipicolinic acid Pyridinedicarboxylic acid-(2,6) pyridine-2,6-dicarboxylic acid quinolinic acid
Inchi:	InChI=1S/C7H5NO4/c9-6(10)4-2-1-3-5(8-4)7(11)12/h1-3H,(H,9,10)(H,11,12)
InchiKey:	WJJMNDUMQPNECX-UHFFFAOYSA-N
Formula:	C7H5NO4
SMILES:	O=C(O)c1cccc(C(=O)O)n1
Mol. weight [g/mol]:	167.12
CAS:	499-83-2

Physical Properties

Property code	Value	Unit	Source
hsub	137.10 ± 5.70	kJ/mol	NIST Webbook
log10ws	-1.36		Crippen Method
logp	0.478		Crippen Method
mvol	110.590	ml/mol	McGowan Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cps	56.42	J/molxK	84.05	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	56.44	J/mol×K	86.40	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	56.50	J/mol×K	88.71	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	56.59	J/mol×K	90.97	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	56.71	J/mol×K	93.19	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	56.85	J/mol×K	95.37	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	57.03	J/mol×K	97.51	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	57.23	J/mol×K	99.63	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	57.46	J/mol×K	101.72	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	57.71	J/mol×K	103.77	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	57.98	J/mol×K	105.81	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	58.27	J/mol×K	107.81	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	58.59	J/mol×K	109.80	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	58.92	J/mol×K	111.76	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	59.27	J/mol×K	113.70	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	59.65	J/mol×K	115.63	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	60.03	J/mol×K	117.53	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	60.44	J/mol×K	119.42	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	60.86	J/mol×K	121.29	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	61.30	J/mol×K	123.15	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	61.76	J/mol×K	124.99	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	62.23	J/mol×K	126.82	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	62.72	J/mol×K	128.63	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	63.22	J/mol×K	130.43	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	63.73	J/mol×K	132.22	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	64.25	J/mol×K	133.99	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	64.80	J/mol×K	135.76	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	65.35	J/mol×K	137.51	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	65.91	J/mol×K	139.25	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	66.49	J/mol×K	140.98	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	67.08	J/mol×K	142.69	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	67.68	J/mol×K	144.40	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	68.29	J/mol×K	146.10	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	68.91	J/mol×K	147.79	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	69.55	J/mol×K	149.46	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	70.19	J/mol×K	151.13	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	70.84	J/mol×K	152.79	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	71.50	J/mol×K	154.44	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	72.18	J/mol×K	156.08	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	72.86	J/mol×K	157.72	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	73.55	J/mol×K	159.35	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	74.25	J/mol×K	160.97	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	74.96	J/mol×K	162.58	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	75.68	J/mol×K	164.18	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	76.40	J/mol×K	165.77	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	77.13	J/mol×K	167.35	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	77.86	J/mol×K	168.92	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	78.61	J/mol×K	170.49	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	79.36	J/mol×K	172.04	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	80.11	J/mol×K	173.59	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	80.88	J/mol×K	175.13	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	81.65	J/mol×K	176.66	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	82.42	J/mol×K	178.19	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	83.20	J/mol×K	179.71	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	83.99	J/mol×K	181.22	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	84.78	J/mol×K	182.72	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	85.59	J/mol×K	184.23	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	86.39	J/mol×K	185.73	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	87.21	J/mol×K	187.22	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	88.03	J/mol×K	188.71	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	88.85	J/mol×K	190.19	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	89.68	J/mol×K	191.66	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	90.52	J/mol×K	193.13	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	91.35	J/mol×K	194.59	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	92.20	J/mol×K	196.06	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	93.04	J/mol×K	197.50	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	94.57	J/mol×K	200.08	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	96.99	J/mol×K	204.09	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	98.92	J/mol×K	207.23	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	100.26	J/mol×K	209.37	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	101.59	J/mol×K	211.49	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	102.95	J/mol×K	213.62	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	105.66	J/mol×K	217.80	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	107.01	J/mol×K	219.85	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	108.37	J/mol×K	221.90	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	109.74	J/mol×K	223.94	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	111.10	J/mol×K	225.95	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	112.43	J/mol×K	227.91	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	113.80	J/mol×K	229.90	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	115.10	J/mol×K	231.78	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	116.46	J/mol×K	233.73	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	117.81	J/mol×K	235.64	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	119.20	J/mol×K	237.61	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	120.56	J/mol×K	239.52	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	121.91	J/mol×K	241.40	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	123.26	J/mol×K	243.27	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	124.63	J/mol×K	245.17	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	126.04	J/mol×K	247.09	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	127.43	J/mol×K	248.98	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	128.84	J/mol×K	250.89	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	130.24	J/mol×K	252.77	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	131.65	J/mol×K	254.65	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	133.04	J/mol×K	256.51	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	134.45	J/mol×K	258.38	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	135.86	J/mol×K	260.23	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	137.27	J/mol×K	262.08	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	138.68	J/mol×K	263.92	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	140.08	J/mol×K	265.74	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	141.50	J/mol×K	267.58	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	142.91	J/mol×K	269.40	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	144.31	J/mol×K	271.20	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	145.72	J/mol×K	273.00	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	147.12	J/mol×K	274.79	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	148.51	J/mol×K	276.55	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	149.91	J/mol×K	278.32	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	151.31	J/mol×K	280.09	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	152.71	J/mol×K	281.85	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	154.09	J/mol×K	283.59	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	155.48	J/mol×K	285.32	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	156.85	J/mol×K	287.04	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	158.22	J/mol×K	288.74	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	159.59	J/mol×K	290.44	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	160.93	J/mol×K	292.10	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	162.27	J/mol×K	293.75	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	163.60	J/mol×K	295.39	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	164.95	J/mol×K	297.06	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	166.31	J/mol×K	298.72	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	167.65	J/mol×K	300.37	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	168.99	J/mol×K	302.01	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	170.32	J/mol×K	303.64	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	171.65	J/mol×K	305.27	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	172.98	J/mol×K	306.88	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	175.62	J/mol×K	310.09	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	176.93	J/mol×K	311.68	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	178.21	J/mol×K	313.25	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	179.47	J/mol×K	314.76	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	181.03	J/mol×K	316.65	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	183.18	J/mol×K	319.26	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	185.48	J/mol×K	322.04	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	187.75	J/mol×K	324.78	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	189.98	J/mol×K	327.48	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	192.20	J/mol×K	330.16	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	194.40	J/mol×K	332.81	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	196.59	J/mol×K	335.45	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	198.77	J/mol×K	338.09	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	200.97	J/mol×K	340.74	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	203.20	J/mol×K	343.44	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	205.43	J/mol×K	346.14	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	207.58	J/mol×K	348.74	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	209.70	J/mol×K	351.31	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	211.78	J/mol×K	353.85	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	213.86	J/mol×K	356.38	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	215.90	J/mol×K	358.86	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	217.92	J/mol×K	361.34	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	219.91	J/mol×K	363.79	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	221.88	J/mol×K	366.21	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

cps	223.82	J/molxK	368.60	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	225.73	J/molxK	370.97	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	229.50	J/molxK	375.64	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)
cps	231.38	J/molxK	378.00	Heat capacity and standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4)

Sources

Crippen Method:

<http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Synthesis, Structural Characterization and Thermochemistry of Copper Pyridine 2,6-dicarboxylate:

<https://www.doi.org/10.1016/j.tca.2012.12.024>

Synthesis, crystal structure and thermochemistry of nickel hydrogen Pyridine 2,6-dicarboxylate:

https://www.chemeo.com/doc/models/crippen_log10ws

<https://www.doi.org/10.1016/j.tca.2013.03.007>

Thermochemistry on K2[M(DPA)2]·7H2O(s) (M= Cu and Ni, Heat Capacity and Standard molar enthalpy of formation of crystalline 2,6-dicarboxypyridine (C7H5NO4):

<http://webbook.nist.gov/cgi/cbook.cgi?ID=C499832&Units=SI>

<https://www.doi.org/10.1016/j.tca.2011.02.008>

<https://www.doi.org/10.1016/j.jct.2006.03.007>

<https://www.doi.org/10.1021/jc0049586l>

Dr. Goway Method: 2,6-dicarboxylate and Pyridine-2,3-, Pyridine-2,5-, and Pyridine-2,6-dicarboxylic Acids:

<http://link.springer.com/article/10.1007/BF02311772>

Legend

cps:	Solid phase heat capacity
hsub:	Enthalpy of sublimation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

mcvol: McGowan's characteristic volume

Latest version available from:

<https://www.cheméo.com/cid/57-177-3/2-6-Pyridinedicarboxylic-acid.pdf>

Generated by Cheméo on 2024-04-26 05:35:53.607757657 +0000 UTC m=+16399002.528334967.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.