

2,6-PYRIDINEDICARBALDEHYDE

Other names:	2,6-Pyridine dialdehyde pyridine-2,6-dicarbaldehyde
Inchi:	InChI=1S/C7H5NO2/c9-4-6-2-1-3-7(5-10)8-6/h1-5H
InchiKey:	PMWXGSWIOOVHEQ-UHFFFAOYSA-N
Formula:	C7H5NO2
SMILES:	O=Cc1cccc(C=O)n1
Mol. weight [g/mol]:	135.12

Physical Properties

Property code	Value	Unit	Source
ie	9.50	eV	Cheméo Relay (1.0)
logp	0.707		Crippen Method
mcvol	98.850	ml/mol	McGowan Method
tb	511.34	K	Cheméo Relay (1.0)
tf	348.96	K	Cheméo Relay (1.0)

Pressure Dependent Properties

Property code	Value	Unit	Pressure [kPa]	Source
tbrp	426.20	K	13.70	NIST Webbook

Sources

Cheméo Relay (1.0, beta):

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C5431447&Units=SI>

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

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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

Cheméo Relay (1.0):

Legend

ie:	Ionization energy
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tbrp:	Boiling point at reduced pressure
tf:	Normal melting (fusion) point

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