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