

Strychnine

Other names:	4,6-Methano-6H,14H-indolo[3,2,1-ij]oxepino[2,3,4-de]pyrrolo[2,3-h]quinoline, strychnidin-10-one deriv. Certox Dolco mouse cereal Kwik-Kil Mole death Mouse-Nots Mouse-Rid Mouse-Tox NSC 5365 Pied piper mouse seed Rcra waste number P108 Ro-Dex Sanaseed Stricnina Strychnidin-10-one Strychnin Strychnos UN 1692
Inchi:	InChI=1S/C21H22N2O2/c24-18-10-16-19-13-9-17-21(6-7-22(17)11-12(13)5-8-25-16)14-
InchiKey:	QMGVPVSNSZLJIA-UHFFFAOYSA-N
Formula:	C21H22N2O2
SMILES:	O=C1CC2OCC=C3CN4CCC56c7ccccc7N1C5C2C3CC46
Mol. weight [g/mol]:	334.41
CAS:	57-24-9

Physical Properties

Property code	Value	Unit	Source
chs	-11236.00	kJ/mol	NIST Webbook
hfs	-171.80	kJ/mol	NIST Webbook
log10ws	-2.88		Aqueous Solubility Prediction Method
logp	2.092		Crippen Method
mcvol	240.930	ml/mol	McGowan Method
rinpol	3115.00		NIST Webbook
rinpol	3150.00		NIST Webbook
rinpol	3140.00		NIST Webbook
rinpol	3120.00		NIST Webbook

rinpol	3119.00	NIST Webbook
rinpol	3074.00	NIST Webbook
rinpol	3109.00	NIST Webbook
rinpol	3109.00	NIST Webbook
rinpol	3120.00	NIST Webbook
rinpol	3116.00	NIST Webbook
rinpol	3146.00	NIST Webbook
rinpol	3109.00	NIST Webbook
rinpol	3119.00	NIST Webbook
rinpol	3115.00	NIST Webbook
rinpol	3145.00	NIST Webbook
rinpol	3120.00	NIST Webbook
rinpol	3120.00	NIST Webbook
rinpol	3110.00	NIST Webbook
rinpol	3119.00	NIST Webbook
rinpol	3109.00	NIST Webbook
rinpol	3109.00	NIST Webbook
rinpol	3110.00	NIST Webbook
rinpol	3111.00	NIST Webbook
rinpol	3119.00	NIST Webbook
rinpol	3115.00	NIST Webbook
rinpol	3125.00	NIST Webbook
rinpol	3116.00	NIST Webbook
rinpol	3150.00	NIST Webbook
rinpol	3110.00	NIST Webbook
rinpol	3111.00	NIST Webbook
rinpol	3119.00	NIST Webbook
rinpol	3100.00	NIST Webbook
rinpol	3140.00	NIST Webbook
rinpol	3125.00	NIST Webbook
rinpol	3120.00	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C57249&Units=SI>

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

Aqueous Solubility Prediction Method: <http://onschallenge.wikispaces.com/file/view/AqueousDataset002.xlsx/351826032/AqueousDataset002.xlsx>

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

Legend

chs:	Standard solid enthalpy of combustion
hfs:	Solid phase enthalpy of formation at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.cheméo.com/cid/84-658-9/Strychnine.pdf>

Generated by Cheméo on 2025-12-24 08:13:12.891743849 +0000 UTC m=+6312190.421784504.

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