

2-(2-cyanobutan-2-ylidiazenyl)-2-methylbutanenitrile

Inchi:	InChI=1S/C10H16N4/c1-5-9(3,7-11)13-14-10(4,6-2)8-12/h5-6H2,1-4H3
InchiKey:	AVTLBBWTUPQRAY-UHFFFAOYSA-N
Formula:	C10H16N4
SMILES:	CCC(C)(C#N)N=NC(C)(C#N)CC
Mol. weight [g/mol]:	192.27
CAS:	13472-08-7

Physical Properties

Property code	Value	Unit	Source
hf	207.36	kJ/mol	Cheméo Relay (1.0)
logp	2.823		Crippen Method
mcvol	170.180	ml/mol	McGowan Method
tf	323.15	K	Jean-Claude Bradley Open Melting Point Dataset (2014, CC0)

Sources

Jean-Claude Bradley Open Melting Point Dataset (2014, CC0):	https://figshare.com/articles/Jean_Claude_Bradley_Open_Melting_Point_Dataset/1031637
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
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):	
Cheméo Relay (1.0, beta):	

Legend

hf:	Enthalpy of formation at standard conditions
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tf:	Normal melting (fusion) point

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