

Nialamide

Other names:

4-Pyridinecarboxylic acid, 2-[3-oxo-3-[(phenylmethyl)amino]propyl]hydrazide
Isonicotinic acid, 2-[2-(benzylcarbamoyl)ethyl]hydrazide
Nialamid
Niamid
Niamidal
Niamide
Niazin
Novazid
Nuredal
1-[2-(Benzylcarbamoyl)ethyl]-2-isonicotinoylhydrazine
N1-«beta»-Benzylcarbamoylethyl-N2-isonicotinoylhydrazine
BEIH
Delmoneurinaesprilisalizina
Mygal
N-Benzyl-«beta»-(isonicotinoylhydrazine)propionamide
N-Benzyl-«beta»-(isonicotinylhydrazino)propionamide
N-Isonicotinoyl-N'-(«beta»-N-benzylcarboxamidoethyl)hydrazine
Niaquitil
Nyazin
P 1133
Psicodisten
Surgex
2-(2-(Benzylcarbamoyl)ethyl)hydrazide isonicotinic acid
N-(2-(Benzylcarbamyl)ethylamino)isonicotinamide
2-(2-(Benzylcarbamyl)ethyl)hydrazide isonicotinic acid
Delmoneurina
Espril
Isalizina
Isonicitinic acid 2-[(2-benzylcarbamoyl)ethyl]hydrazide
Nyezine
Hydrazine, N-isonicotinoyl-N'-[beta-(N-benzylcarboxamido)ethyl]-
NSC 124514

Inchi:

InChI=1S/C16H18N4O2/c21-15(18-12-13-4-2-1-3-5-13)8-11-19-20-16(22)14-6-9-17-10-7

InchiKey:

NOIIUHRQUVNIDD-UHFFFAOYSA-N

Formula:

C16H18N4O2

SMILES:

O=C(CCN(C(=O)c1ccncc1)NCc1ccccc1

Mol. weight [g/mol]:

298.34

CAS:

51-12-7

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.09		Crippen Method
logp	1.022		Crippen Method
mcvol	231.840	ml/mol	McGowan Method
tf	427.00 ± 1.00	K	NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C51127&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tf:	Normal melting (fusion) point

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