

Naptalam

Other names:

Benzoic acid, 2-[(1-naphthalenylamino)carbonyl]-

Phthalamic acid, N-1-naphthyl-

Alanap

Alanap 1

Alanap 10G at

Alanap 3

Analape

Grelutin

N-(«alpha»-Naphthyl)phthalamic acid

N-(1-Naphthyl)phthalamic acid

Naphthalam

Naphthylphthalamic acid

NPA

PA

1-(N-Naphthyl)Phthalamic acid

«alpha»-Naphthylphthalamic acid

Alanape

ACP 322

Dyanap

Mor-cran

N-1-Naphthyl-phthalamidsaeure

Nip-a-thin

Peach-Thin

2-((1-Naphthalenylamino)carbonyl)benzoic acid

6Q8

Ancrack

Kyselina N-1-naftylftalamova

Naftalam

Naptalame

Naptro

N-(1-Naphthalenyl)phthalamic acid

NSC 204421

Inchi:

InChI=1S/C18H13NO3/c20-17(14-9-3-4-10-15(14)18(21)22)19-16-11-5-7-12-6-1-2-8-13(

InchiKey:

JXTHEWSKYLZVJC-UHFFFAOYSA-N

Formula:

C18H13NO3

SMILES:

O=C(O)c1cccc1C(O)=Nc1cccc2ccccc12

Mol. weight [g/mol]:

291.30

CAS:

132-66-1

Physical Properties

Property code	Value	Unit	Source
hf	-118.27	kJ/mol	Joback Method
hvap	106.68	kJ/mol	Joback Method
log10ws	-5.02		Crippen Method
logp	4.174		Crippen Method
mcvol	216.490	ml/mol	McGowan Method
pc	2707.03	kPa	Joback Method
tb	1008.33	K	Joback Method
tc	1248.99	K	Joback Method

Sources

Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C132661&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

hf:	Enthalpy of formation at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature

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