

N-(4-AMINOPHENYLSULFONYL)ACETAMIDE

Other names:

A-500
Acetamide, N-[(4-aminophenyl)sulfonyl]-
Acetamide, N-sulfanilyl-
Acetocid
Acetosulfamin
Acetosulfamine
Albamine
Albucid
Alesten
Bleph-10
Bleph-10 liquifilm
Formosulfacetamide
Isopto cetamide
N'-Acetylsulfanilamide
N-((4-Aminophenyl)sulfonyl)acetamide
N-(p-Aminobenzenesulfonyl)acetamide
N-Acetylsulfanilamide
N-Sulfanilylacetamide
N-Sulphanilylacetamide
N-[(p-Aminophenyl)sulfonyl]acetamide
N1-Acetylsulfanilamide
NSC 63871
Oclucid
Op-sulfa 30
Ophthel-S
Region
Sebizon
Sulamyd
Sulf-10
Sulfacet
Sulfacetimide
Sulfacyl
Sulfanilacetamide
Sulfanilamide, N1-acetyl-
Sulfanilazetamid
Sulphacetamide
Sulphasil
Urosulfon
Urosulfone
p-Aminobenzenesulfonacetamide

sulfacetamide

Mol. weight [g/mol]: 214.25

Property code	Value	Unit	Temperature [K]	Source
cpg	365.52	J/mol×K	638.45	Joback Method
cpg	377.00	J/mol×K	675.58	Joback Method
cpg	387.62	J/mol×K	712.70	Joback Method
cpg	397.38	J/mol×K	749.83	Joback Method
cpg	406.29	J/mol×K	786.95	Joback Method
cpg	414.37	J/mol×K	824.08	Joback Method
cpg	421.62	J/mol×K	861.20	Joback Method
hfust	29.80	kJ/mol	455.20	NIST Webbook

Sources

Cheméo Relay (1.0, beta):

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

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C144809&Units=SI>

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>

Cheméo Relay (1.0):

Legend

chs:	Standard solid enthalpy of combustion
cp_g:	Ideal gas heat capacity
h_{fs}:	Solid phase enthalpy of formation at standard conditions
h_{fus}:	Enthalpy of fusion at standard conditions
h_{fust}:	Enthalpy of fusion at a given temperature
h_{vap}:	Enthalpy of vaporization at standard conditions
ie:	Ionization energy
log₁₀ws:	Log ₁₀ of Water solubility in mol/l
log_p:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
tb:	Normal Boiling Point Temperature
tf:	Normal melting (fusion) point

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