

Typical Product Specifications & Properties

N,N''-Di-n-butylthiourea

CAS Number: : 109-46-6

Specifications	Limits
Molecular weight	188.33
EINECS	203-674-6
SMILES	<chem>N(C(NCCCC)=S)CCCC</chem>
InChI	1S/C9H20N2S/c1-3-5-7-10-9(12)11-8-6-4-2/h3-8H2,1-2H3,(H2,10,11,12)
InChIKey	KFFQABQEJATQAT-UHFFFAOYSA-N
Henry's Law Constant	4.17E-06 atm-m ³ /mole
Atmospheric OH Rate Constant	1.53E-10 cm ³ /molecule-sec
log P (octanol-water)	2.75
Vapor Pressure	2.38E-03 mm Hg
Water solubility	2290 mg/L
Melting Point	64 °C
Boiling Point	122 °C / 14mmHg

Specifications	Limits
Melting Point	63-65 °C
BRN Number	507434
Water solubility	slightly soluble