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Typical Product Specifications & Properties

1-Phenylthiourea

CAS Number: : 103-85-5

Specifications	Limits
Molecular weight	152.22
SMILES	<chem>c1(ccccc1)NC(N)=S</chem>
InChI	1S/C7H8N2S/c8-7(10)9-6-4-2-1-3-5-6/h1-5H,(H3,8,9,10)
InChIKey	FULZLIGZKMKICU-UHFFFAOYSA-N
Atmospheric OH Rate Constant	6.37E-11 cm ³ /molecule-sec
Water solubility	2470 mg/L
Vapor Pressure	2.09E-03 mm Hg
Melting Point	154 °C
log P (octanol-water)	0.71
Henry's Law Constant	1.04E-10 atm-m ³ /mole



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