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## Typical Product Specifications & Properties

# 2-Phenylthiophene

CAS Number: : 825-55-8

Specifications	Limits
Molecular weight	160.24
SMILES	<chem>c1ccc(cc1)c1cccs1</chem>
InChI	1S/C10H8S/c1-2-5-9(6-3-1)10-7-4-8-11-10/h1-8H
InChIKey	PJRGDKFLFAYRBV-UHFFFAOYSA-N
log P (octanol-water)	3.74
Vapor Pressure	2.82E-03 mm Hg
Atmospheric OH Rate Constant	1.99E-11 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	2.25E-04 atm-m <sup>3</sup> /mole
Water solubility	43.7 mg/L
Flash Point	109 &deg;C
Storage Temperature	Refrigerator (+4&deg;C)
Melting Point	34-36 &deg;C



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Specifications	Limits
Boiling Point	256 &deg;C



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