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## Typical Product Specifications & Properties

# PHYSOSTIGMINE

CAS Number: : 57-47-6

Specifications	Limits
Molecular weight	275.35
SMILES	<chem>c12[C@@]3([C@@H](N(C)c1ccc(c2)OC(NC)=O)[N@@](C)CC3)C</chem>
InChI	1S/C15H21N3O2/c1-15-7-8-17(3)13(15)18(4)12-6-5-10(9-11(12)15)20-14(19)16-2/h5-6,9,13H,7-8H2,1-4H3,(H,16,19)
InChIKey	PIJVFBKTXHHD-UHFFFAOYSA-N
Melting Point	105.5 &deg; C
log P (octanol-water)	1.58
Henry's Law Constant	3.03E-11 atm-m <sup>3</sup> /mole
Water solubility	7760 mg/L
Vapor Pressure	3.66E-06 mm Hg
pKa Dissociation Constant	6.12
Atmospheric OH Rate Constant	2.94E-10 cm <sup>3</sup> /molecule-sec



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