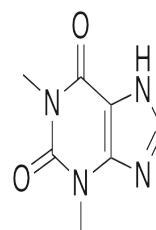


Product Datasheet

Theophylline (orb322540)

Description	Theophylline
Storage	Storage Temp: Ambient
Note	For research use only
Formula	$C_7H_8N_4O_2$
Purity	≥98%
MW	180.16
CAS Number	58-55-9
SMILES	<chem>CN1C2=C(C(=O)N(C1=O)C)NC=N2</chem>
Solubility (25°C)	Slightly soluble in water (4 mg/mL). Soluble in ammonium hydroxide (50 mg/mL), alcohol (10 mg/mL), DMSO (15 mg/mL).
Hazard Information	Chemical Hazard Code: Xn. UN Number: UN number: 2811 Class: 6.1 Packing Group: III Proper shipping name: Toxic solid, organic, n.o.s. (Theophylline) Poison inhalation hazard: No
Expiration Date	12 months from date of receipt.



Chemical structure of Theophylline