

Product Datasheet

5-Aminosalicylic Acid (orb1310419)

Catalog Number	orb1310419
Category	Small Molecules
Description	5-Aminosalicylic Acid (5-ASA) is a small molecule acting as a specific PPAR γ agonist with additional inhibitory effects on PAK1, NF- κ B, and osteopontin. This multi-target activity underpins its utility in research on inflammation and cancer, supported by evidence from both in vitro and in vivo experimental models.
Target	PAK,Glutathione Peroxidase,Lipoxygenase,COX,Endogenous Metabolite,NF- κ B,PPAR
Purity	99.98% (May vary between batches)
MW	153.14
Target Areas	PAK Lipoxygenase PPAR Glutathione Peroxidase COX NF- κ B Endogenous Metabolite
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:3.3 mg/mL (21.55 mM);Ethanol:29 mg/mL (189.37 mM);DMSO:80 mg/mL (522.4 mM)
CAS Number	89-57-6
Formula	C ₇ H ₇ NO ₃
SMILES	NC1=CC(C(O)=O)=C(O)C=C1
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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