

Product Datasheet

Roburic acid (orb1303613)

Catalog Number	orb1303613
Category	Small Molecules
Description	This small molecule compound acts as a dual inhibitor of both cyclooxygenase-1 (COX-1) and cyclooxygenase-2 (COX-2) enzymes. It is a useful research tool for investigating inflammatory pathways and related conditions in both in vitro and in vivo experimental models.
Target	COX
Purity	97.76% (May vary between batches)
MW	440.70
Target Areas	COX
Solubility (25°C)	DMSO:60.00 mg/mL (136.15 mM);10% DMSO+90% Corn Oil:2.50 mg/mL (5.67 mM)
CAS Number	6812-81-3
Formula	C ₃₀ H ₄₈ O ₂
SMILES	<chem>C[C@@H]1CC[C@]2(C)CC[C@]3(C)C(=CC[C@@H]4[C@@](C)(CCC(O)=O)[C@@H](CC[C@@]34C)C(C)=C)[C@@H]2[C@H]1C</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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