

Product Datasheet

Deoxycholic acid sodium salt (orb1302113)

Catalog Number	orb1302113
Category	Small Molecules
Description	Sodium deoxycholate is a TGR5 receptor agonist known to stimulate thermogenesis in brown adipose tissue. This makes it a valuable research tool for studying metabolic diseases, energy expenditure, and bile acid signaling in both cellular and animal models.
Target	GPCR19,Endogenous Metabolite
Purity	97.88% (May vary between batches)
MW	414.56
Target Areas	GPCR19 Endogenous Metabolite
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween-80+45% Saline:0.5 mg/mL (1.21 mM);H2O:330 mg/mL (796.02 mM);DMSO:20 mg/mL (48.24 mM)
CAS Number	302-95-4
Formula	C ₂₄ H ₃₉ NaO ₄
SMILES	[Na+].C[C@H](CCC([O-])=O)[C@H]1CCC2C3CC[C@@H]4C[C@H](O)CC[C@]4(C)C3C[C@H](O)[C@]12C
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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