

Product Datasheet

2-Bromopalmitic acid (orb1304098)

Catalog Number	orb1304098
Category	Small Molecules
Description	2-Bromohexadecanoic acid (2-BP) is a synthetic palmitate analog that functions as a PPAR δ agonist and a potent inhibitor of protein palmitoylation by targeting DHHC palmitoyltransferases. This non-metabolizable compound is widely used in vitro and in vivo to study lipid metabolism, signal transduction, and the role of palmitoylation in diseases.
Target	Pyroptosis,Others
Form/Appearance	powder
Purity	>98%
MW	335.23
Biological Activity	Palmitoylation inhibitor
Target Areas	Pyroptosis Others
Solubility (25°C)	Soluble in DMSO (up to 75 mg/ml) or in Ethanol (up to 25 mg/ml).
CAS Number	18263-25-7
Formula	C ₁₆ H ₃₁ BrO ₂
SMILES	CCCCCCCCCCCCCCCC(Br)C(O)=O
Chemical Name	2-Bromohexadecanoic acid (racemic)
Storage	RT
Note	For research use only

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Expiration Date 12 months from date of receipt.

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