

Product Datasheet

Timosaponin BII (orb1304243)

Catalog Number	orb1304243
Category	Small Molecules
Description	Timosaponin BII is a bioactive saponin with demonstrated neuroprotective and antidiabetic research potential. It exhibits antioxidant activity and, in experimental models, has been shown to inhibit BACE1 and reduce β -amyloid production, supporting its study in neurodegenerative and metabolic disease research.
Target	Beta Amyloid,BACE
Purity	>99.99% (May vary between batches)
MW	921.07
Target Areas	BACE Beta Amyloid
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (2.17 mM);DMSO:122.5 mg/mL (133 mM)
CAS Number	136656-07-0
Formula	C ₄₅ H ₇₆ O ₁₉
SMILES	CC(CCC1(O)OC2CC3C4CCC5CC(CCC5(C)C4CCC3(C)C2C1C)OC1OC(CO)C(O)C(O)C1OC1OC(CO)C(O)C(O)C1O)COC1OC(CO)C(O)C(O)C1O
Storage	store at low temperature,keep away from direct sunlight 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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