

Product Datasheet

Bryostatin 1 (orb1989336)

Description	Bryostatin 1 is a natural macrolide isolated from the bryozoan Bugula neritina and is a CNS-permeable PKC modulator. Bryostatin 1 binds to the isolated C1 domain of Munc13-1 and the full-length Munc13-1 protein [Kis: 8.07 nM and 0.45 nM].
Storage	-20°C
Note	For research use only
Formula	C ₄₇ H ₆₈ O ₁₇
Purity	98.00%
MW	905.03
CAS Number	83314-01-6
SMILES	<chem>O[C@]12[C@@H](OC(/C=C/C=C/CCC)=O)\C(=C\C(OC)=O)\C[C@](O1)(C[C@]([C@@H](C)O)(OC(=O)C[C@H](O)C[C@]3(O[C@@](O)(C[C@]4(O[C@@](\C=C\C2(C)C)(C/C(=C\C(OC)=O)/C4)[H])[H])C(C)(C)[C@@H](OC(C)=O)C3)[H])[H])[H]</chem>
Expiration Date	12 months from date of receipt.

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