

Product Data Sheet

Bryostatin 1

Cat. No.:	B7033
CAS No.:	83314-01-6
Formula:	C47H68O17
M.Wt:	905.04
Synonyms:	
Target:	TGF- β / Smad Signaling
Pathway:	PKC
Storage:	Store at -20°C



Solvent & Solubility

Soluble in DMSO and in ethanol

In Vitro

Preparing Stock Solutions	Solvent Concentration	Mass	1mg	5mg	10mg
	1 mM		1.1049 mL	5.5246 mL	11.0492 mL
	5 mM		0.2210 mL	1.1049 mL	2.2098 mL
	10 mM		0.1105 mL	0.5525 mL	1.1049 mL

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

PKC activator

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

1. Wu Q, Yang X, et al. "Nuclear Accumulation of Histone Deacetylase 4 (HDAC4) Exerts Neurotoxicity in Models of Parkinson's Disease." Mol Neurobiol. 2016 Oct 26. PMID:27785754

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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