

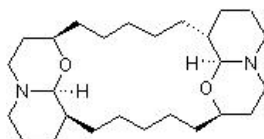
Product datasheet

Xestospongine C, IP3 receptor antagonist ab120914

[11 References](#) [1 Image](#)

Overview

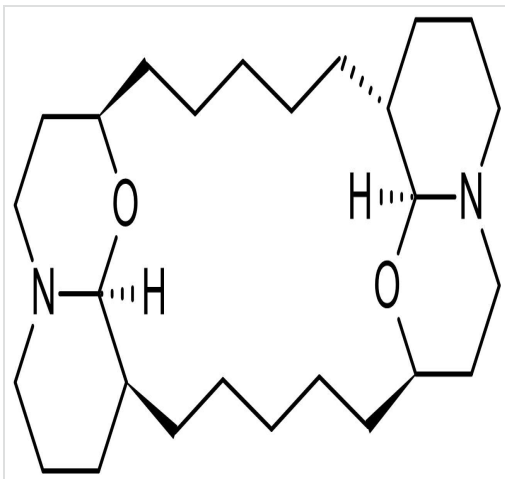
Product name	Xestospongine C, IP3 receptor antagonist
Description	Potent, selective, reversible IP ₃ receptor antagonist
Purity	> 90%
CAS Number	88903-69-9
Chemical structure	



Properties

Chemical name	(1 <i>R</i> ,4 <i>aR</i> ,11 <i>R</i> ,12 <i>aS</i> ,13 <i>S</i> ,16 <i>aS</i> ,23 <i>R</i> ,24 <i>aS</i>)-Eicosahydro-5 <i>H</i> ,17 <i>H</i> -1,23:11,13-diethano-2 <i>H</i> ,14 <i>H</i> -[1,11]dioxacycloeicosino[2,3- <i>b</i> :12,13- <i>b'</i>]dipyridine
Molecular weight	446.72
Molecular formula	C ₂₈ H ₅₀ N ₂ O ₂
Storage instructions	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store in the Dark. Store under desiccating conditions.
Solubility overview	Soluble in DMSO to 2 mM and in ethanol to 2 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	C1CCC[C@H]2CCCN3CCC(CCCCCC4CCCN5CCC(CC1)O[C@H]45)O[C@H]23
Source	Synthetic

Images



2D chemical structure image of ab120914, Xestospongin C, IP₃ receptor antagonist

Chemical Structure - Xestospongin C, IP₃ receptor antagonist (ab120914)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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