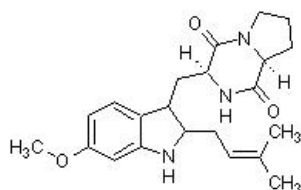


Product datasheet

Tryprostatin A, MAP-dependent microtubule assembly inhibitor ab143558

Overview

Product name	Tryprostatin A, MAP-dependent microtubule assembly inhibitor
Description	Selective MAP-dependent microtubule assembly inhibitor
Biological description	Selective MAP-dependent microtubule assembly inhibitor. Disrupts mitotic spindle. Induces cell cycle arrest at G2/M phase. Inhibits BCRP. Shows antimitotic effects.
Purity	> 92%
CAS Number	171864-80-5
Chemical structure	



Properties

Chemical name	(3 <i>S</i> ,8 <i>aS</i>)-3-[[6-methoxy-2-(3-methylbut-2-enyl)-1 <i>H</i> -indol-3-yl]methyl]-2,3,6,7,8,8 <i>a</i> -hexahydropyrrolo[1,2- <i>a</i>]pyrazine-1,4-dione
Molecular weight	381.47
Molecular formula	C ₂₂ H ₂₇ N ₃ O ₃
PubChem identifier	9929833
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO and in ethanol
Handling	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	<chem>CC(=CCC1=C(C2=C(N1)C=C(C=C2)OC)CC3C(=O)N4CCCC4C(=O)N3)C</chem>

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

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- We investigate all quality concerns to ensure our products perform to the highest standards

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