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DATASHEET

Alsterpaullone

Product overview

Name	Alsterpaullone
Cat No	HB3754
Biological action	Inhibitor
Purity	>98%
Description	Potent CDK1 inhibitor. Also shows activity at GSK-3 β

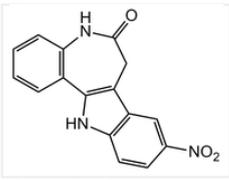
Biological Data

Biological description	Potent CDK1/cyclin B (IC ₅₀ = 35 nM) inhibitor. Anti-tumor compound. GSK-3beta (glycogen synthase kinase-3beta) inhibitor. Apoptosis inhibitor. Apoptosis inducer. Angiogenesis inhibitor.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	9-Nitro-7,12-dihydroindolo-[3,2-d][1]benzazepin-6(5H)-one
Molecular Weight	293.3
Chemical structure	
Molecular Formula	C ₁₆ H ₁₁ N ₃ O ₃
CAS Number	237430-03-4
InChiKey	OLUKILHGKRV DCT-UHFFFAOYSA-N
Appearance	Yellow to brown powder