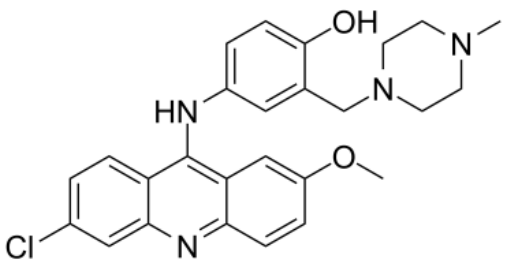
Product Data Sheet

Product Name: HM03
Cat. No.: GC39827

Chemical Properties

Cas. No.	500565-15-1		
SMILES	OC1=CC=C(NC2=C(C=C(OC)C=C3)C3=NC4=CC(Cl)=CC=C42)C=C1CN5CCN(C)CC5		
Formula	$C_{26}H_{27}ClN_4O_2$	M.Wt	462.97
Solubility	DMSO: 125 mg/mL (270.00 mM)	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

HM03 is a potent and selective HSPA5 (Heat shock 70kDa protein 5, also known as Bip, Grp78) inhibitor. HM03 has anticancer activity[1].

[1]. Huang M, et al. Structure-based design of HSPA5 inhibitors: from peptide to small molecule inhibitors. Bioorg Med Chem Lett. 2013;23(10):3044-3050.

Caution: Product has not been fully validated for medical applications. For research use only.
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