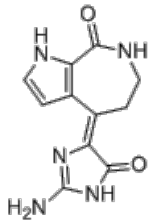
Product Name	:	Debromohymenialdisine
Synonyms	:	SKF-108753;SKF108753
Cat No.	:	M15875
CAS Number	:	75593-17-8
Molecular Formula	:	C11H11N5O2
Formula Weight	:	245.20
Chemical Name	:	(4Z)-4-(2-amino-1,5-dihydro-5-oxo-4H-imidazol-4-ylidene)-4,5,6,7-tetrahydro-pyrrolo[2,3-c]azepin-8(1H)-one
Description	:	A marine sponge alkaloid that inhibits Chk1 and Chk2 with IC50 of 3 and 3.5 uM, respectively; also inhibits MAP kinase kinase 1 (IC50=881 nM), GSK3β (IC50=1.39 uM), and CDK5/p25 (IC50=9.12 uM), does not significantly affect ATM and ATR; blocks G2 arrest in cancer cells.
Pathway	:	Angiogenesis
Target	:	Chk
Receptor	:	Chk
Solubility	:	——
SMILES	:	O=C(C1=C/2C=CN1)NCCC2=C3N=C(N)NC/3=O
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	



1. Curman D, et al. J Biol Chem. 2001 May 25;276(21):17914-9.| 2. Saleem RS, et al. Bioorg Med Chem. 2012 Feb 15;20(4):1475-81.| 3. Jobson AG, et al. Mol Pharmacol. 2007 Oct;72(4):876-84.

FOR RESEARCH USE ONLY.NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.