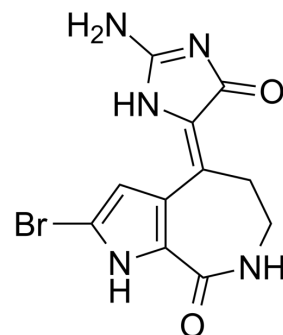


10Z-Hymenialdisine

Cat. No.:	HY-N6794
CAS No.:	82005-12-7
Molecular Formula:	C ₁₁ H ₁₀ BrN ₅ O ₂
Molecular Weight:	324.13
Target:	AMPK; VEGFR; PDGFR
Pathway:	Epigenetics; PI3K/Akt/mTOR; Protein Tyrosine Kinase/RTK
Storage:	Powder -20°C 3 years
	In solvent -80°C 6 months
	-20°C 1 month



BIOLOGICAL ACTIVITY

Description	10Z-Hymenialdisine ((Z)-Hymenialdisine) is a natural bioactive pyrrole alkaloid. 10Z-Hymenialdisine is a pan kinase inhibitor, and has anticancer activities ^[1] .
In Vitro	10Z-Hymenialdisine displays a moderate effect on (ARK5, VEGFR-2, SAK and PDGFR) protein kinases. 10Z-Hymenialdisine shows a potent inhibition of RAF/MEK-1/MAPK cascade with an IC ₅₀ value of 6 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ashraf N E Hamed, et al. Bioactive pyrrole alkaloids isolated from the Red Sea: marine sponge *Stylissa carteri*. Z Naturforsch C J Biosci. 2018 Apr 25;73(5-6):199-210.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA