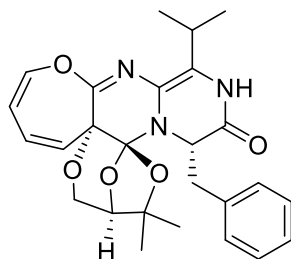


Varioxepine A

Code No.: **BIA-V2361**

Pack sizes: **0.25 mg, 1 mg**



Synonyms :

Specifications

CAS #	:	1623451-72-8
Molecular Formula	:	C₂₆H₂₉N₃O₅
Molecular Weight	:	463.53
Source	:	<i>Penicillium</i> sp.
Appearance	:	Brown solid
Purity	:	>95% by HPLC
Long Term Storage	:	-20°C
Solubility	:	Soluble in methanol or DMSO

Application Notes

Varioxepine A is a 3H-oxepine-containing alkaloid isolated from a marine-derived fungus, containing a highly unusual condensed 3,6,8-trioxabicyclo[3.2.1]octane motif. Varioxepine A is a potent inhibitor of the plant-pathogenic fungus, *Fusarium graminearum*, with an MIC value of 4 µg/mL.

References

1. Varioxepine A, a 3H-oxepine-containing alkaloid with a new oxacage from the marine algal-derived endophytic fungus *Paecilomyces variotii*. Zhang P. et al. *Org Lett.* 2014, 16, 4834.