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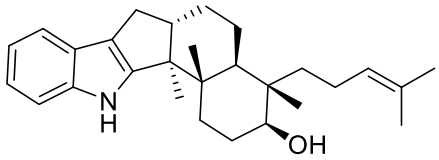
PRODUCT DATA SHEET

Emindole SB

Code No.: **BIA-E3152**

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



Synonyms : -

Specifications

CAS #	:	**112900-04-6**
Molecular Formula	:	**$C_{28}H_{39}NO$**
Molecular Weight	:	**405.6**
Source	:	***Aspergillus* sp.**
Appearance	:	**Off-white solid**
Purity	:	**>95% by HPLC**
Long Term Storage	:	**-20°C**
Solubility	:	**Soluble in methanol, DMSO.**

Application Notes

Emindole SB is a novel indole diterpene first isolated from the mycelium of Emericella striata by Nozawa and coworkers at Hoshi University, Japan in 1988. Emindole SB has demonstrated antitumor and antibacterial effects, with significant activity against the H1N1 virus. Emindole SB is a nonselective cannabinoid receptor antagonist.

References

1. Isolation and structures of indoloditerpenes, possible biosynthetic intermediates to the tremorgenic mycotoxin, paxilline, from Emericella striata. J. Chem. Soc., Perkin Trans. 1, 1988, 2607.
2. Indole diterpenoids with anti-H1N1 activity from the aciduric fungus Penicillium camemberti OUCMDZ-1492. Fan Y. et al. J. Nat. Prod. 2013, 76, 1328.
3. Indoloditerpenes from a marine-derived fungal strain of Dichotomomyces cejpii with antagonistic activity at GPR18 and cannabinoid receptors. Harms H. et al. J. Nat. Prod. 2014, 77, 673.

For in vitro laboratory use only. Not for human or animal use.

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