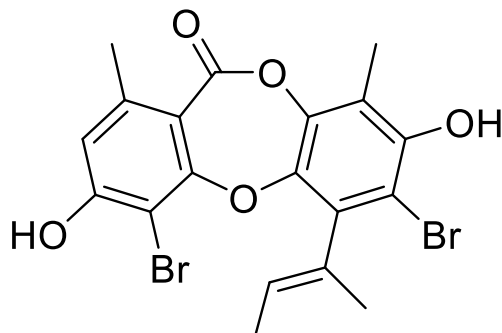


Aspergillusidone F

Code No.: **BIA-A3062**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms : -

Specifications

CAS #	: 1558007-47-8
Molecular Formula	: C₁₉H₁₆Br₂O₅
Molecular Weight	: 484.1
Source	: <i>Aspergillus unguis</i>
Appearance	: -
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol and DMSO.

Application Notes

Aspergillusidone F is a dibrominated depsidone of the nidulin family of fungal metabolites, first isolated from a marine sponge *Aspergillus unguis* only when cultured on PDB media containing KBr. Aspergillusidone F demonstrates a range of bioactivities, including weak cytotoxicity against several human cell lines, aromatase inhibition and antimicrobial activity against *B. subtilis*, *S. aureus* and *S. cerevisiae*.

References

1. Sureram S. et al. (2013). Directed biosynthesis through biohalogenation of secondary metabolites of the marine-derived fungus *Aspergillus unguis*. *RSC Adv.*, 3, 1781.
2. Morshed M. et al. (2018). Expanding antibiotic chemical space around the nidulin pharmacophore. *Org. Biomol. Chem.*, 16, 3038.

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