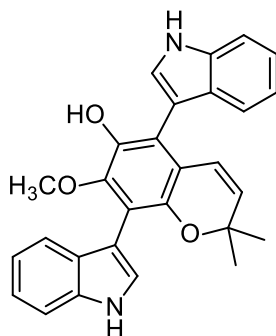


Kumbicin C

Code No.: **BIA-K1640**

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



Synonyms :

Specifications

CAS #	: 1878151-58-6
Molecular Formula	: C ₂₈ H ₂₄ N ₂ O ₃
Molecular Weight	: 436.5
Source	: <i>Aspergillus</i> sp.
Appearance	: Brown solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Kumbicin C is a bis-indolyl benzenoid isolated from a novel *Aspergillus* species, *A. kumbius*, by Piggott and co-workers in 2016. Structurally, kumbicin C is related to the petromicins found in a closely related species, *A. muricatus* and the asterriquinones from *A. terreus*. Biosynthetically, the unusual 2H-chromene ring system of kumbicin C is formed by cyclisation of the prenyl group of kumbicin D. Kumbicin C is active against tumor cell lines and bacteria at microgram potency.

References

1. Kumbicins A–D: bis-indolyl benzenoids and benzoquinones from an Australian soil fungus, *Aspergillus kumbius*. Lacey H.J. et al., *Aust. J. Chem.* 2016, 69, 152.