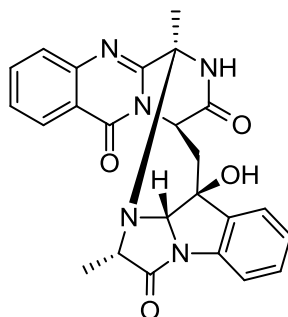


Fumiquinazoline D

Code No.: **BIA-F1628**

Pack sizes: **1 mg, 5 mg**



Synonyms :

Specifications

CAS #	:	140715-86-2
Molecular Formula	:	C₂₄H₂₁N₅O₄
Molecular Weight	:	443.5
Source	:	<i>Aspergillus fumigatus</i>
Appearance	:	White to off-white solid
Purity	:	>95% by HPLC
Long Term Storage	:	-20°C
Solubility	:	Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Fumiquinazoline D is member of the fumiquinazoline complex isolated from a marine strain of *Aspergillus fumigatus* by Numata and colleagues at Osaka University in 1995. Fumiquinazoline D has subsequently been reported as a useful chemotaxonomic marker for strains of *A. fumigatus*. The pharmacology of fumiquinazoline D has not been extensively reported but it is known to be weakly active against some tumor cell lines.

References

1. Fumiquinazolines A-G, novel metabolites of a fungus separated from a *Pseudolabrus* marine fish. Takahashi C. et al., J. Chem. Soc. Perkin Trans. 1 1995, 18, 2345.
2. Secondary metabolite profiles and antifungal drug susceptibility of *Aspergillus fumigatus* and closely related species, *Aspergillus lentulus*, *Aspergillus udagawae* and *Aspergillus viridinutans*. Hiroyuki T. et al., J. Infect. Chemother. 2015, 21, 385.