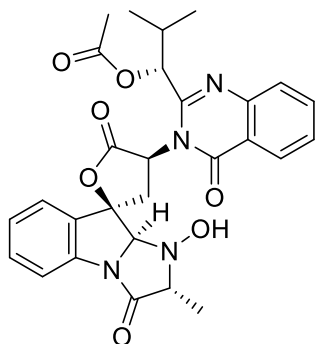


Tryptoquivaline D

Code No.: **BIA-T2452**

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



Synonyms :

Specifications

CAS #	: 60676-56-4
Molecular Formula	: C ₂₈ H ₂₈ N ₄ O ₇
Molecular Weight	: 532.6
Source	: <i>Aspergillus fumigatus</i>
Appearance	: Light tan solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

Application Notes

Tryptoquivaline D (nortryptoquivaline, fumitremorgin D) is a tremorgenic mycotoxin isolated from *Aspergillus fumigatus* and *A. clavatus*. The biological profile of tryptoquivaline D is largely unexplored, however other members of the fumitremorgin family have antitumor and insect antifeedant activity and are active against phytopathogenic fungi.

References

1. Four new mycotoxins of *Aspergillus clavatus* related to tryptoquivaline. Bucchi G. et al. J Org Chem. 1977, 42, 244.
2. Novel mammalian cell cycle inhibitors, tryprostatis A, B and other diketopiperazines produced by *Aspergillus fumigatus*. I. Taxonomy, fermentation, isolation and biological properties. Cui C.B. et al., J. Antibiot. 1996, 49, 527.
3. Metabolites from *Aspergillus fumigatus*, an endophytic fungus associated with *Melia azedarach*, and their antifungal, antifeedant, and toxic activities. Li X-J. J Ag Food Chem 2012, 60, 3424.