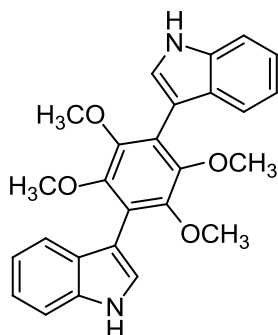


## Asterriquinol D dimethylether

Code No.: **BIA-A1630**

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



Synonyms :

### Specifications

CAS #	: 287117-66-2
Molecular Formula	: C <sub>26</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight	: 428.5
Source	: <i>Penicillium citreonigrum</i>
Appearance	: <b>Brown residue</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in ethanol, methanol, DMF or DMSO.</b>

### Application Notes

Asterriquinol D dimethylether was first isolated from *Aspergillus terreus* as part of the asterriquinone complex, reported by Yamamoto and colleagues at Kanazawa University in 1981. Asterriquinol D dimethylether was recently reported as a useful chemotaxonomic marker for a novel *Aspergillus* species, *A. kumbius*. Asterriquinol D dimethylether has weak activity against tumor cells and the parasitic protozoan, *Tritrichomonas foetus*.

### References

1. Metabolic products of *Aspergillus terreus*. VI. Metabolites of the strain IFO 8835. The isolation and chemical structures of colourless metabolites. Arai K. et al., Chem. Pharm. Bull. 1981, 29, 1005.
2. 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.