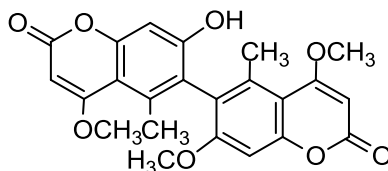


Isokotanin B

Code No.: **BIA-I1633**

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



Synonyms :

Specifications

CAS #	: 154160-09-5
Molecular Formula	: C ₂₃ H ₂₀ O ₈
Molecular Weight	: 424.4
Source	: <i>Aspergillus</i> sp.
Appearance	: Light yellow solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Isokotanin B is a bisfurocoumarin isolated from *Aspergillus alliaceus* by researchers at Iowa University and the USDA in 1994. Isokotanin B is a highly characteristic chemotaxonomic marker for species belonging to the *A. alliaceus* and related clades. Other than weak insecticidal activity, the bioprofile of isokotanin has not been extensively investigated.

References

1. Isokotanins A-C: New bisfurocoumarins from the sclerotia of *Aspergillus alliaceus*. Laakso J.A. et al., J. Nat. Prod. 1994, 57, 128.
2. Two new aflatoxin producing species, and an overview of *Aspergillus* section Flavi. Varga J. et al., Studies in Mycology 69, 57, 2016.