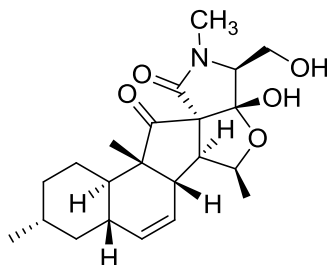


Fusarisetin A

Code No.: **BIA-F1435**

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



Synonyms : (+)-Fusarisetin A

Specifications

CAS #	: 1300041-53-5
Molecular Formula	: C₂₂H₃₁NO₅
Molecular Weight	: 389.5
Source	: <i>Fusarium equiseti</i>
Appearance	: Light tan to tan solid
Purity	: >98% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Poor water solubility.

Application Notes

Fusarisetin is an unusual pentacyclic metabolite related to equisetin and isolated from a *Fusarium*. Fusarisetin was identified from a natural product screen using a three-dimensional matrigel-induced bioassay to study acinar morphogenesis. Fusarisetin is the first inhibitor of acini reported in the literature.

References

1. Fusarisetin A, an acinar morphogenesis inhibitor from a soil fungus, *Fusarium* sp. FN080326. Jang J.H. et al. J. Am. Chem. Soc. 2011, 133, 6865.

Updated: 2 December 2014