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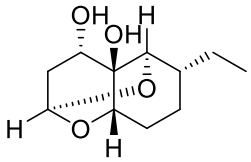
PRODUCT DATA SHEET

Agistatin B

Code No.: **BIA-A1917**

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



Synonyms : -

Specifications

CAS #	:	**144096-46-8**
Molecular Formula	:	**$C_{11}H_{18}O_4$**
Molecular Weight	:	**214.3**
Source	:	**Unidentified fungus**
Appearance	:	**White to off-white solid**
Purity	:	**>95% by HPLC**
Long Term Storage	:	**-20°C**
Solubility	:	**Soluble in methanol, DMSO or acetone.**

Application Notes

Agistatin B is a pyranacetal isolated from Fusarium sp, with an unusual tricyclic structures with a characteristic ketal moiety at C-2. The agistatins inhibit cholesterol biosynthesis and were patented for this purpose in 1992.

References

1. Secondary metabolites by chemical screening. Part 29. Agistatines, novel pyranacetals from the fungus FH-A 6239 Goehrt A. et al. Liebigs Annalen 1996, 4, 627.
2. Agistatins, cholesterol biosynthesis-inhibiting metabolites from Fusarium. Zeeck A. et al. Eur. Pat. Appl. (1992), EP 492318 A2 19920701.

For in vitro laboratory use only. Not for human or animal use.

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