Product Name: Pseurotin A

Product Number: P096

CAS Number: 58523-30-1

Molecular Formula: C_{22}H_{25}NO_{8}

Molecular Weight: 431.4

Appearance: White solid

Storage Conditions: -20°C

Description: Pseurotin A is a fungal metabolite with an unusual hetero-spirocyclic ring system. It has potent neuritogenic activity in PC12 phaeochromocytoma cells, a useful model for adrenergic neuronal differentiation. Pseurotin A also exhibits chitinase inhibition and acts synergistically with azole antifungal agents.

Pseurotin A is soluble in ethanol, methanol, DMF and DMSO.

Mechanism of Action: Pseurotin A induces multipolar and branching neurites comparable to β-NGF, an endogenous neurotrophic factor.

References:


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