

Oscillamide Y TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Keep away from moisture

Storage:

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description

Oscillamide Y TFA is the trifluoroacetate salt of Oscillamide Y. Oscillamide Y (Compound 1) is a cyclic peptide containing urea groups and acts as a chymotrypsin inhibitor. This compound can be isolated from the freshwater toxic cyanobacterium *Oscillatoria agardhii*. It exhibits high toxicity to fish, large water fleas, and algae, while having an irritating effect on *Raphidocelis subcapitata* (EC50: 4.62 mg/L). Oscillamide Y also strongly inhibits luminescence in *Aliivibrio fischeri* and is applicable in ecological development research.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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