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Product Datasheet

Domoic acid, CAS [[14277-97-5]] FBM-10-2472

Artikelname	Domoic acid, CAS [[14277-97-5]]
Artikelnummer	FBM-10-2472
Hersteller Artikelnummer	10-2472
Alternativnummer	FBM-10-2472-50UG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Marine natural product neurotoxin...
Molekulargewicht	311.33
Reinheit	>98% by HPLC NMR (Conforms)
Formulierung	Solution in water with 5% acetonitrile at 50 µg/0.5 mL
CAS Nummer	[14277-97-5]
Formel	C15H21NO6
Anwendungsbeschreibung	Kainic acid-type neurotoxin produced by certain species of the marine pennate diatom Pseudo-nitzschia, is responsible for amnesic shellfish poisoning. ¹ Suspension feeders such as bivalve mollusks can accumulate and retain high amounts of DA in their tissues, threatening human health. ^{2,3} DA is a potent agonist at kainate and AMPA receptors ⁴ and induces convulsive behavior and seizures in rodents ⁵ . It induces structural and molecular changes in the developing zebra fish nervous system. ⁶