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Product Datasheet

THI, CAS [[94944-70-4]] FBM-10-2477

Article Name	THI, CAS [[94944-70-4]]
Biozol Catalog Number	FBM-10-2477
Supplier Catalog Number	10-2477
Alternative Catalog Number	FBM-10-2477-5MG,FBM-10-2477-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Immunomodulator (S1P lyase inhibition)...
Molecular Weight	230.22
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[94944-70-4]
Formula	C9H14N2O5
Application Notes	THI was identified as a biologically active impurity in caramel food coloring. ¹ It is a potent inhibitor of sphingosine-1-phosphate (S1P) lyase. ² It disrupts lymphocyte egress from lymphoid tissue by interfering with S1P gradients. ^{3,4} The novel immunomodulatory activity of THI and its biochemical mechanism may represent a new target for the development of new generation of immunosuppressants. ⁵