

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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. <sup>1</sup> It is a potent inhibitor of sphingosine-1-phosphate (S1P) lyase. <sup>2</sup> It disrupts lymphocyte egress from lymphoid tissue by interfering with S1P gradients. <sup>3,4</sup> The novel immunomodulatory activity of THI and its biochemical mechanism may represent a new target for the development of new generation of immunosuppressants. <sup>5</sup>