

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

Product Datasheet

Bromo-PTC FBM-10-1433

Article Name	Bromo-PTC
Biozol Catalog Number	FBM-10-1433
Supplier Catalog Number	10-1433
Alternative Catalog Number	FBM-10-1433-10MG,FBM-10-1433-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Cruzain inhibitor...
Molecular Weight	286.20
Purity	98% by TLC, NMR (Conforms)
Form	White solid
CAS Number	[443144-54-5]
Formula	C10H12BrN3S
Application Notes	Cruzain is the major cysteine protease of <i>Trypanosoma cruzi</i> , the protozoan parasite responsible for American trypanosomiasis or Chagas disease. Cruzain is essential for the replication of the parasite and thus is a new target for antitrypanosomal chemotherapy. Bromo-PTC is a potent inhibitor of cruzain (IC50 = 100 nM) which exhibits trypanocidal activity in cultured host cells without toxicity ¹ .