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Product Datasheet

Bromo-PTC, CAS [[443144-54-5]] FBM-10-1433

Article Name	Bromo-PTC, CAS [[443144-54-5]]
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 Trypanosoma cruzi, 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 .