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Product Datasheet

1,10-Phenanthroline HCl, CAS [[3829-86-5]] FBM-10-3017

Article Name	1,10-Phenanthroline HCl, CAS [[3829-86-5]]
Biozol Catalog Number	FBM-10-3017
Supplier Catalog Number	10-3017
Alternative Catalog Number	FBM-10-3017-1G, FBM-10-3017-5G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Zn metalloprotease inhibitor...
Molecular Weight	234.68
Purity	98% by TLC NMR (Conforms)
Form	White solid
CAS Number	[3829-86-5]
Formula	C ₁₂ H ₈ N ₂ HClH ₂ O
Application Notes	1,10-phenanthroline is a high affinity chelator of divalent metal ions and may be used to inhibit zinc metalloenzymes. ¹ It is a potent inhibitor of JAMM-type isopeptidases (DUBs) acting via chelation of an active site Zn ²⁺ . It may be used when preparing cell lysates for enrichment of ubiquitinated proteins which are especially sensitive to DUBs in the JAMM family. ^{2,3}