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Product Datasheet

Blasticidin S HCl, CAS [[3515-03-9]] FBM-10-2830

Article Name	Blasticidin S HCl, CAS [[3515-03-9]]
Biozol Catalog Number	FBM-10-2830
Supplier Catalog Number	10-2830
Alternative Catalog Number	FBM-10-2830-20MG,FBM-10-2830-100MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Antibiotic selection agent...
Molecular Weight	458.90
Purity	99% by HPLC, NMR (Conforms)
Form	White solid
CAS Number	[3515-03-9]
Formula	C ₁₇ H ₂₆ N ₈ O ₅ HCl
Application Notes	A peptidyl nucleoside antibiotic inhibiting protein synthesis in bacteria and eukaryotes. ¹ Inhibits translation by trapping deformed tRNA on the ribosome. ¹ The ABC-type transporter NppA1A2BCD is required for uptake of blasticidin S and other peptidyl nucleoside antibiotics in Pseudomonas aeruginosa PA14. ² Selection agent for bis, bsr and bsd transformed cells. ^{3,4}