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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 <sub>17</sub> H <sub>26</sub> N <sub>8</sub> O <sub>5</sub> HCl
Application Notes	A peptidyl nucleoside antibiotic inhibiting protein synthesis in bacteria and eukaryotes. <sup>1</sup> Inhibits translation by trapping deformed tRNA on the ribosome. <sup>1</sup> The ABC-type transporter NppA1A2BCD is required for uptake of blasticidin S and other peptidyl nucleoside antibiotics in Pseudomonas aeruginosa PA14. <sup>2</sup> Selection agent for bis, bsr and bsd transformed cells. <sup>3,4</sup>