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Product Datasheet

Streptozotocin, CAS [[18883-66-4]] FBM-10-2127

Article Name	Streptozotocin, CAS [[18883-66-4]]
Biozol Catalog Number	FBM-10-2127
Supplier Catalog Number	10-2127
Alternative Catalog Number	FBM-10-2127-1G, FBM-10-2127-5G
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Diabetes inducer...
Molecular Weight	265.22
Purity	97% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[18883-66-4]
Formula	C ₈ H ₁₅ N ₃ O ₇
Application Notes	An N-nitroso-aminoglucose derivative which is used to produce animal models of diabetes.1 Alkylates DNA.2 Inhibits pancreatic beta-cell O-Glc-NAc selective N-acetyl-beta-D-glucosaminidase.3 Selectively induces death of beta-cells which mechanistically is independent of N-acetyl-beta-D-glucosaminidase inhibition.4 Is not a spontaneous NO donor.5