

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## 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	C8H15N3O7
Application Notes	An N-nitroso-aminoglucose derivative which is used to produce animal models of diabetes. <sup>1</sup> Alkylates DNA. <sup>2</sup> Inhibits pancreatic beta-cell O-Glc-NAc selective N-acetyl-beta-D-glucosaminidase. <sup>3</sup> Selectively induces death of beta-cells which mechanistically is independent of N-acetyl-beta-D-glucosaminidase inhibition. <sup>4</sup> Is not a spontaneous NO donor. <sup>5</sup>