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Product Datasheet

Cisplatin, CAS [[15663-27-1]]

FBM-10-2204

Article Name	Cisplatin, CAS [[15663-27-1]]
Biozol Catalog Number	FBM-10-2204
Supplier Catalog Number	10-2204
Alternative Catalog Number	FBM-10-2204-100MG, FBM-10-2204-500MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Anticancer agent...
Molecular Weight	300.05
Purity	98% by HPLC, Elemental Analysis (Conforms)
Form	Yellow solid
CAS Number	[15663-27-1]
Formula	Cl ₂ H ₄ N ₂ Pt
Application Notes	Induces intra- and interstrand DNA adducts which poison topoisomerase I.1 Synergizes with topoisomerase I inhibitors such as topotecan.1 Induces apoptosis by sequential activation of caspase-8, -3 and -6 in osteosarcoma cells.2 Inhibits expression of X-linked inhibitor of apoptosis protein (XIAP) in human LNCaP cells.3 Numerous mechanisms inhibit propagation of cisplatin-induced DNA damage to signal apoptosis resulting in resistance.4 Clinically useful anticancer agent.