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Product Datasheet

1,4-DPCA, CAS [[331830-20-7]] FBM-10-2956

Article Name	1,4-DPCA, CAS [[331830-20-7]]
Biozol Catalog Number	FBM-10-2956
Supplier Catalog Number	10-2956
Alternative Catalog Number	FBM-10-2956-5MG,FBM-10-2956-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Prolyl hydroxylase inhibitor...
Molecular Weight	240.22
Purity	98% by HPLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[331830-20-7]
Formula	C13H8N2O3
Application Notes	Potent inhibitor of prolyl 4-hydroxylase (IC50=2-4 µM) ¹ . Inhibits collagen deposition via inhibition of collagen proline hydroxylation ^{2,3} . Subcutaneous injection of a 1,4-DPCA containing hydrogel into Swiss Webster mice that do not show a regenerative phenotype increased expression of HIF1alpha over 5 days. Multiple injections led to regenerative wound healing after ear hole punch injury ⁴ .