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Product Datasheet

Epalrestat, CAS [[82159-09-9]] FBM-10-4423

Article Name	Epalrestat, CAS [[82159-09-9]]
Biozol Catalog Number	FBM-10-4423
Supplier Catalog Number	10-4423
Alternative Catalog Number	FBM-10-4423-5MG,FBM-10-4423-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Aldose reductase inhibitor...
Molecular Weight	319.40
Purity	>98% (TLC: 5% Methanol/methylene chloride + 0.5% HOAc, Rf = 0.21)
Form	Yellow solid
CAS Number	[82159-09-9]
Formula	C15H13NO3S2
Application Notes	Epalrestat is an aldose reductase inhibitor (IC50 = 10 nM (rat lens) and 25 nM (human placenta). ^{1,2} It reduces sorbitol accumulation in the sciatic nerve, erythrocytes and ocular tissue. May be used to prevent or slow the progression of diabetic neuropathy. ³