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Product Datasheet

TPCK, CAS [[402-71-1]] FBM-10-2290

Article Name	TPCK, CAS [[402-71-1]]
Biozol Catalog Number	FBM-10-2290
Supplier Catalog Number	10-2290
Alternative Catalog Number	FBM-10-2290-100MG, FBM-10-2290-500MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Serine protease inhibitor...
Molecular Weight	351.80
Purity	98% by TLC, NMR Conforms
Form	White solid
CAS Number	[402-71-1]
Formula	C17H18ClNO3S
Application Notes	TPCK is an irreversible inhibitor of the serine protease chymotrypsin. ¹ It also inhibits certain cysteine proteases (bromelain, ficin, papain). ¹ TPCK inhibited (IC ₅₀ = 5 µM) the mitogen-induced activation of pp70s6k, a mitogen-regulated serine/threonine kinase involved in the G1 to S phase transition of the cell cycle. ²