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## Product Datasheet

### KNK437, CAS [[218924-25-5]] FBM-10-5561

Article Name	KNK437, CAS [[218924-25-5]]
Biozol Catalog Number	FBM-10-5561
Supplier Catalog Number	10-5561
Alternative Catalog Number	FBM-10-5561-5MG, FBM-10-5561-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Inhibits HSP70 expression...
Molecular Weight	245.23
Purity	98% by HPLC NMR (Conforms)
Form	Off-white solid
CAS Number	[218924-25-5]
Formula	C13H11NO4
Application Notes	Inhibits constitutive and inducible HSP70 expression in non-stressed <sup>1</sup> and heat-stressed <sup>2</sup> cancer cells. Blocks the geldanamycin-induced induction of HSP70 and inhibition of TGF $\beta$ signaling. <sup>3</sup> Inhibits leukocyte integrin alpha4 $\beta$ 7-mediated adhesion of T cells to mucosal addressin cell adhesion molecule 1 (MAdCAM-1) suggesting that HSP70 is essential for $\beta$ 7 integrin signalling. <sup>4</sup> Suppresses morphine analgesic tolerance in a rodent model (100 mg/Kg). <sup>5</sup>