

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

10074-G5, CAS [[413611-93-5]] FBM-10-5627

Article Name	10074-G5, CAS [[413611-93-5]]
Biozol Catalog Number	FBM-10-5627
Supplier Catalog Number	10-5627
Alternative Catalog Number	FBM-10-5627-5MG, FBM-10-5627-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	c-Myc inhibitor...
Molecular Weight	332.32
Purity	98% by TLC NMR (Conforms)
Form	Orange solid
CAS Number	[413611-93-5]
Formula	C18H12N4O3
Application Notes	Inhibits c-Myc by disrupting c-Myc/Max heterodimer formation and inhibiting its transcriptional activity. ¹ 10074-G5 binds to the c-Myc bHLHZip domain with K _d =2.8 mM. ¹ It was cytotoxic in C-Myc-overexpressing cell lines (IC ₅₀ s = 13 to 15 mM) but was not active in vivo due to rapid metabolism. ² 10074-G5 is a useful tool to probe for involvement of c-Myc involvement in cellular processes. ^{3,4} Binds to and sequesters the intrinsically disordered amyloid-beta (Abeta) in its monomeric soluble state and rescues a C. elegans model of Abeta-associated toxicity. ⁵