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## Product Datasheet

### 10074-G5 FBM-10-5627

Artikelname	10074-G5
Artikelnummer	FBM-10-5627
Hersteller Artikelnummer	10-5627
Alternativnummer	FBM-10-5627-5MG,FBM-10-5627-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	c-Myc inhibitor...
Molekulargewicht	332.32
Reinheit	98% by TLC NMR (Conforms)
Formulierung	Orange solid
CAS Nummer	[413611-93-5]
Formel	C18H12N4O3
Anwendungsbeschreibung	Inhibits c-Myc by disrupting c-Myc/Max heterodimer formation and inhibiting its transcriptional activity. <sup>1</sup> 10074-G5 binds to the c-Myc bHLHZip domain with $K_d=2.8$ mM. <sup>1</sup> 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. <sup>2</sup> 10074-G5 is a useful tool to probe for involvement of c-Myc involvement in cellular processes. <sup>3,4</sup> 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. <sup>5</sup>