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Product Datasheet

E7820, CAS [[289483-69-8]] FBM-10-3935

Article Name	E7820, CAS [[289483-69-8]]
Biozol Catalog Number	FBM-10-3935
Supplier Catalog Number	10-3935
Alternative Catalog Number	FBM-10-3935-5MG, FBM-10-3935-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	RBM39 molecular glue...
Molecular Weight	336.37
Purity	98% by HPLC , NMR (Conforms)
Form	White solid
CAS Number	[289483-69-8]
Formula	C17H12N4O2S
Application Notes	E7820 is an angiogenesis inhibitor that suppresses expression of integrins alpha2, alpha3, alpha5, and β 1.1 Broad-spectrum antitumor and antiangiogenic effects are mainly mediated via integrin alpha2 suppression. ² E7820 has been identified as a molecular glue that induces proteasomal degradation of the U2AF-related splicing factor CAPERalpha (RBM39) via CRL4DCAF15 mediated ubiquitination in human cancer cell lines. ^{3,4} E7820 has also been shown to induce degradation of the aryl hydrocarbon receptor nuclear translator (ARNT), a protein essential in maintaining cellular homeostasis in response to environmental stress. ⁵