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Product Datasheet

CEP FBM-10-5323

Article Name	CEP
Biozol Catalog Number	FBM-10-5323
Supplier Catalog Number	10-5323
Alternative Catalog Number	FBM-10-5323-5MG,FBM-10-5323-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Protein-RNA binding click probe...
Molecular Weight	227.05
Purity	>98% by TLC, NMR (Conforms)
Form	Off-white solid
CAS Number	[1838570-66-3]
Formula	C ₈ H ₄ Cl ₂ N ₄
Application Notes	CEP (1838570-66-3) is a clickable electrophilic purine which may be used to directly quantify protein-RNA interaction on proteins via photoaffinity competition with 4-thiouridine-labeled RNA in cells. Employing CEP in a photo-activatable-competition and chemoproteomic enrichment (PACCE) protocol enables functional profiling of canonical RNA-binding domains as well as the discovery of "moonlighting RNA binding activity in the human proteome. This new methodology represents a chemoproteomic platform for global quantification of protein-RNA binding activity in living cells.