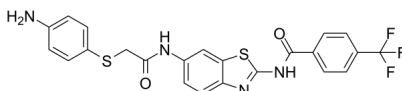


Certificate of Analysis

Catalog Number	BP14312
Product Name	ZM223

Physical and Chemical Properties

CAS No.	2031177-48-5
Chemical Formula	C ₂₃ H ₁₇ F ₃ N ₄ O ₂ S ₂
Molecular Weight	502.53
Solubility	DMSO: 80 mg/mL (159.2 mM), Need ultrasonic
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	ZM223 is a potent non-covalent inhibitor of NEDD8 activating enzyme (NAE).
In vitro	ZM223 (0.1-1 μM; 4 hours) inhibits both HCT-116 and U-2OS cancer cells (IC ₅₀ s of 100 and 122 nM, respectively).

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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