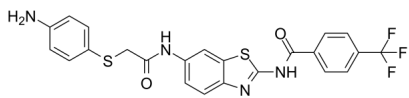


Data Sheet

Product Information

Catalog Number	BP14312
Product Name	ZM223
Description	ZM223 is a potent non-covalent inhibitor of NEDD8 activating enzyme (NAE).
In vitro	ZM223 (0.1-1 μ M; 4 hours) inhibits both HCT-116 and U-2OS cancer cells (IC ₅₀ s of 100 and 122 nM, respectively).
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	 The chemical structure of ZM223 is shown. It features a central benzothiazine core. On the left, there is a 4-aminophenyl group connected via a methylene bridge to a sulfonamide group. On the right, there is a 4-(difluoromethyl)phenyl group connected via a carbonyl group to the benzothiazine core.

<http://www.purduebio.com>

1-877.618.7311

info@purduebio.com

v2 Revision on 12/28/2022

Purdue Bioscience Inc.