



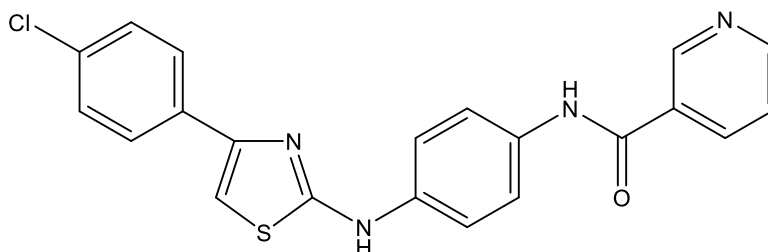
Catalog # 10-4995

SU0617

CAS# N/A

N-(4-((4-(4-Chlorophenyl)thiazol-2-yl)amino)phenyl)nicotinamide

Lot # FBA11058



SU0617 is a first-in-class inhibitor of the DNA base excision repair (BER) enzyme SMUG1 ($IC_{50} = 1.5 \mu M$).¹ It also displays significant inhibition of another BER enzyme, NTHL1.

- 1) Thacker *et. al.* (2026), *A SMUG1 Inhibitor Modulates the Excision of Pyrimidine DNA Damage*; ACS Med. Chem. Lett., **17** 1285

PHYSICAL DATA

Molecular Weight:	406.89
Molecular Formula:	C ₂₁ H ₁₅ ClN ₄ OS
Purity:	>97% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (35 mg/ml)
Physical Description:	Light gray solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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