

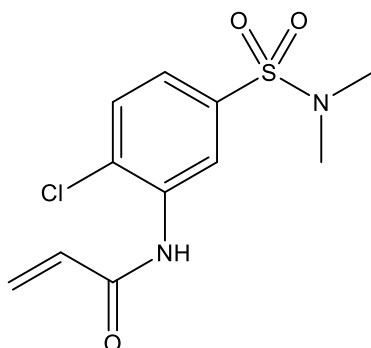
Catalog # 10-3936

EN450

CAS# 793719-01-4

N-(2-Chloro-5-(N,N-dimethylsulfamoyl)phenyl)acrylamide; N-[2-Chloro-5-(dimethylsulfamoyl)phenyl]prop-2-enamide

Lot # FBA9141



EN450 is a molecular glue that covalently interacts with a cysteine residue on the E2 ubiquitin ligase UBE2D. It displayed anti-proliferative effects in HAP1 leukemia cells. EN450s antiproliferative effects were elicited *via* proteasome-dependent degradation of nuclear factor kappa B subunit 1(NFkB1).¹

- 1) King *et al.* (2023), *Chemoproteomics-enabled discovery of a covalent molecular glue degrader targeting NF-kB*; Cell Chem. Biol. **30** 394

PHYSICAL DATA

Molecular Weight:	288.75
Molecular Formula:	C ₁₁ H ₁₃ ClN ₂ O ₃ S
Purity:	>98% by HPLC
	NMR: (Conforms)
Solubility:	DMSO (at least 80 mg/ml)
Physical Description:	White to off-white solid
Storage and Stability:	Store as supplied 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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