

Product Name	: NAcM-COV
Synonyms	: NAcM-COV; NAcM COV
Cat No.	: M13267
CAS Number	: 2089293-81-0
Molecular Formula	: C ₂₈ H ₃₅ F ₃ N ₄ O ₂
Formula Weight	: 516.61
Chemical Name	: N-(2-((1-(1-(pentan-2-yl)piperidin-4-yl)-3-(3-(trifluoromethyl)phenyl)ureido)methyl)phenyl)acrylamide
Description	NAcM-COV is a specific, irreversible small molecule inhibitor targeting N-Acetyl-UBE2M interaction with DCN1 with IC ₅₀ of 28 nM in TR-FRET assays; shows highly selectivity with respect to other protein acetyl-amide-binding sites; inhibits NEDD8 ligation in vitro and in cells, and suppress anchorage-independent growth of a cell line with DCN1 amplification.
Pathway	: Proteasome/Ubiquitin
Target	: E2
Receptor	: E2
Solubility	: —
SMILES	: <chem>C=CC(NC1=CC=CC=C1CN(C2CCN(C(CCC)C)CC2)C(NC3=CC=CC(C(F)(F)F)=C3)=O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Scott DC, et al. Nat Chem Biol. 2017 Aug;13(8):850-857.

