

Product Name	: WCK-5153
Synonyms	: WCK 5153; WCK5153
Cat No.	: M27761
CAS Number	: 1436862-38-2
Molecular Formula	: C ₁₂ H ₁₉ N ₅ O ₇ S
Formula Weight	: 377.4
Chemical Name	: —
Description	WCK-5153 is an enhancer of β -Lactamase and an inhibitor of PBP2 with antimicrobial activities against <i>Pseudomonas aeruginosa</i> . WCK-5153 can be used in studies about the treatment of serious infections caused by highly drug-resistant Gram-negative pathogens.
Pathway	: GPCR/G Protein
Target	: Antibacterial
Receptor	: PDE11
Solubility	: —
SMILES	: <chem>OS(=O)(=O)ON1[C@H]2CN([C@@H](CC2)C(=O)NNC(=O)[C@H]2CCNC2)C1=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Ozge Ceyhan, et al. Identification of biologically active PDE11-selective inhibitors using a yeast-based high-throughput screen. Chem Biol. 2012 Jan 27;19(1):155-63.