

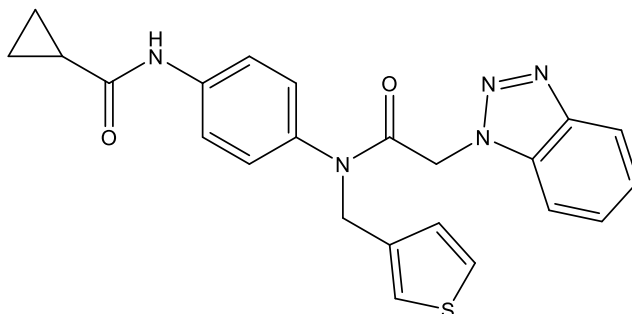


Catalog # 10-4961

ML300

N-(4-(2-(1H-Benzo[d][1,2,3]triazol-1-yl)-N-(thiophen-3-ylmethyl)acetamido)phenyl)cyclopropanecarboxamide

Lot # FBA6218



ML300 is a selective non-covalent inhibitor of SARS-CoV 3CL protease ($IC_{50} = 4.11 \mu M$).^{1,2}

- 1) Turlington *et al.* (2012) *Non-covalent triazole-based inhibitors of the SARS main protease 3CLpro*; In: Probe Reports from the NIH Molecular Libraries Program
- 2) Turlington *et al.* (2013) *Discovery of N-(Benzo[1,2,3]triazol-1-yl)-N-(benzyl)acetamido)phenyl)carboxamides as severe acute respiratory syndrome coronavirus (SARS-CoV) 3CLpro inhibitors: Identification of ML300 and noncovalent nanomolar inhibitors with an induced-fit binding*; Bioorg. Med. Chem. Lett. **23** 6172

PHYSICAL DATA

Molecular Weight: 431.51
Molecular Formula: C₂₃H₂₁N₅O₂S
Purity: >98% by HPLC
NMR: (Conforms)
Solubility: DMSO (>25 mg/ml)
Physical Description: Off-white solid
Storage and Stability: Store as supplied at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 1 month.

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