

ML-167, Clk4 inhibitor

Catalog	Unit
TBI4543-5MG	5 mg
TBI4543-25MG	25 mg

Product Details

Formal Name: [5-[4-[(5-Methylfuran-2-yl)methylamino]quinazolin-6-yl]furan-2-yl]methanol

Alternate Names: CID 44968231

Molecular Formula: C₁₉H₁₇N₂O₃

Formula Weight: 335.36

CAS Number: 1285702-20-6

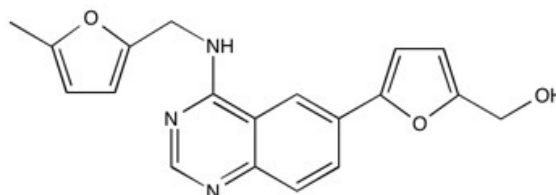
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (greater than 25 mg/ml).

Storage: -20°C

Stability: ≥ 1 year.



Applications

Clk4 inhibitor

Functions

ML167 is a highly selective cell permeable inhibitor of Cdc2-like kinase 4 (Clk4) – IC₅₀ = 136nM. It displays at least 10-fold greater selectivity over the related kinases Clk1(1.52 μM), Clk2(1.65μM), Clk3(>10μM), Dyrk1A(>10μM), and Dyrk1B(4.4 μM).

Application Procedures

First dissolved in DMSO (greater than 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.