

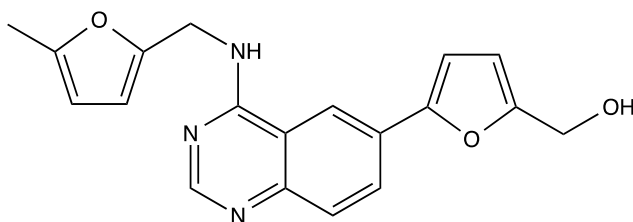
Catalog # 10-4543

ML167

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

1285702-20-6

Lot # FBA3075



ML167 is a highly selective cell permeable inhibitor of Cdc2-like kinase 4 (Clk4) – $IC_{50} = 136nM$. It displays at least 10-fold greater selectivity over the related kinases Clk1(1.52 μM), Clk2(1.65 μM), Clk3(>10 μM), Dyrk1A(>10 μM), and Dyrk1B(4.4 μM).

- 1) Rosenthal *et al.* (2010), *An inhibitor of the Cdc2-like kinase 4 (Clk4)*; Probe Reports from the NIH Molecular Libraries Program

PHYSICAL DATA

Molecular Weight:	335.36
Molecular Formula:	C ₁₉ H ₁₇ N ₃ O ₃
Purity:	>98% HPLC
	NMR: (Conforms)
Solubility:	DMSO (>25 mg/ml)
Physical Description:	White solid
Storage and Stability:	Store as supplied desiccated 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 3 months.

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