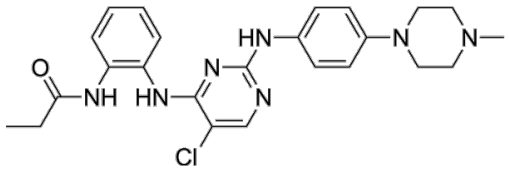
Product Data Sheet

Product Name: SM1-71-R
Cat. No.: GC80867

Chemical Properties

Cas. No.	2088180-03-2		
Formula	$C_{24}H_{28}ClN_7O$	M.Wt	465.98
Solubility		Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

SM1-71 -R is a reversible analog o SM1-71. SM1-71 -R lacks the acrylamide warhead and therefore cannot form a covalent bond with the kinase. SM1-71 -R can be used as a control compound for SM1-71 [1].

In Vitro, SM1-71-R (1 μM; 2 h) results in inhibition of phosphorylation of p-AKTS473 in H23-KRASG12C cells[1].

References:

Caution: Product has not been fully validated for medical applications. For research use only.
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[1]. Rao S, et al. A multitargeted probe-based strategy to identify signaling vulnerabilities in cancers. J Biol Chem. 2019 May 24;294(21):8664-8673.

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