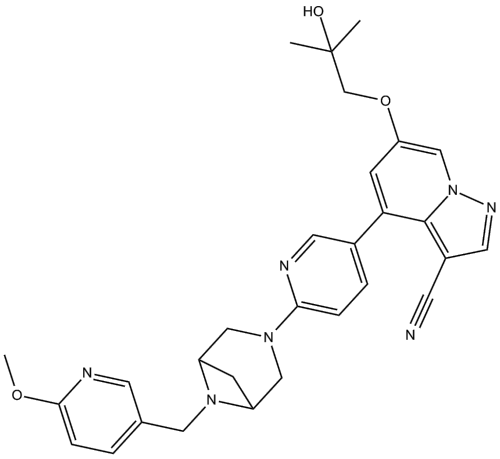
Product Data Sheet

Product Name: LOXO-292
Cat. No.: GC19547

Chemical Properties

Cas. No.	2152628-33-4		
Chemical Name	6-(2-hydroxy-2-methylpropoxy)-4-(6-(6-((6-methoxypyridin-3-yl)methyl)-3,6-diazabicyclo[3.1.1]heptan-3-yl)pyridin-3-yl)pyrazolo[1,5-a]pyridine-3-carbonitrile		
Formula	$C_{29}H_{31}N_7O_3$	M.Wt	525.613
Solubility	DMF: 1 mg/ml,DMSO: 1 mg/ml	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

LOXO-292 (Selpercatinib, LOXO 292, LOXO292) is a potent, selective, orally available **RET kinase** inhibitor with potential antineoplastic activity; displays >100-fold selectivity versus important off-targets; shows anti-tumor activty in the brain and periphery in RET-dependent tumor models in vivo.Lung Cancer

Product Data Sheet

Reference:

[1]. Subbiah V, et al. Ann Oncol. 2018 Aug 1;29(8):1869-1876.
[2]. Cancer Discov. 2018 Aug;8(8):904-905.

Caution: Product has not been fully validated for medical applications. For research use only.
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