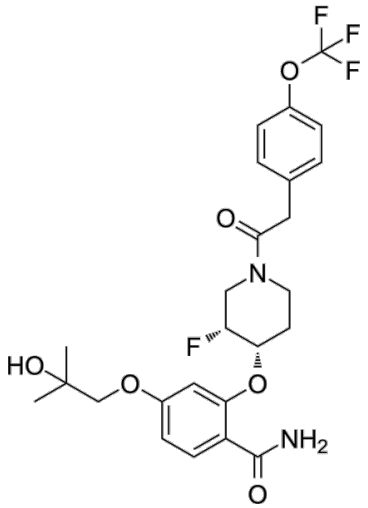
Product Data Sheet

Product Name: PF-06737007
Cat. No.: GC70342

Chemical Properties

Cas. No.	1863905-38-7		
Formula	$C_{25}H_{28}F_4N_2O_6$	M.Wt	528.49
Solubility	DMSO : ≥ 100 mg/mL (189.22 mM)	Storage	-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

PF-06737007 is a potent pan-Trk inhibitor in cell-based assays withIC50s of 7.7 nM, 15 nM and 3.9 nM for TrkA, TrkB and TrkC, respectively. Anti-hyperalgesic effect.

PF-06737007 (Compound 13b) exhibits superb Trk selectivity with >95% inhibition of TrkA with no other kinase being inhibited by >40% at 1 μM[1].

References:

[1]. Bagal SK, et al. Discovery of Potent, Selective, and Peripherally Restricted Pan-Trk Kinase Inhibitors for the Treatment of Pain. J Med Chem. 2018 Aug 9;61(15):6779-6800.

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