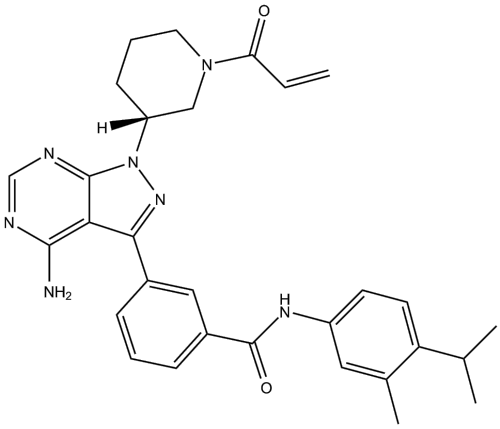
Product Data Sheet

Product Name: PF 06465469
Cat. No.: GC17630

Chemical Properties

Cas. No.	1407966-77-1		
Chemical Name	(R)-3-(1-(1-acryloylpiperidin-3-yl)-4-amino-1H-pyrazolo[3,4-d]pyrimidin-3-yl)-N-(4-isopropyl-3-methylphenyl)benzamide		
SMILES	C=CC(N1CCC[C@](N2C3=NC=NC(N)=C3C(C4=CC(C(NC(C=C5C)=CC=C5C(C)C)=O)=CC=C4)=N2)([H])C1)=O		
Formula	$C_{30}H_{33}N_7O_2$	M.Wt	523.63
Solubility	<2.62mg/ml in DMSO	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

PF-06465469 is a covalent inhibitor of ITK with an IC50 of 2 nM[1].

References:
[1]. Mamand S, et al. Comparison of interleukin-2-inducible kinase (ITK) inhibitors and potential for combination therapies for T-cell lymphoma. Sci Rep. 2018 Sep 21;8(1):14216.

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