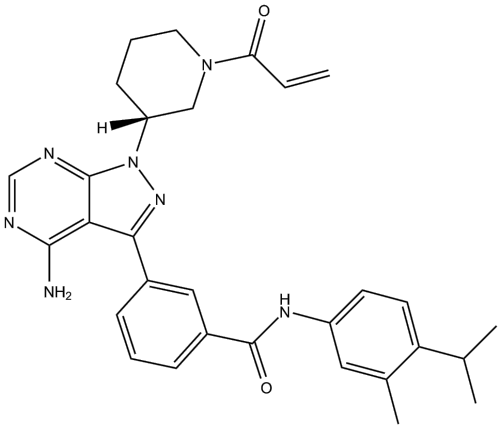
# Product Data Sheet

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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