

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

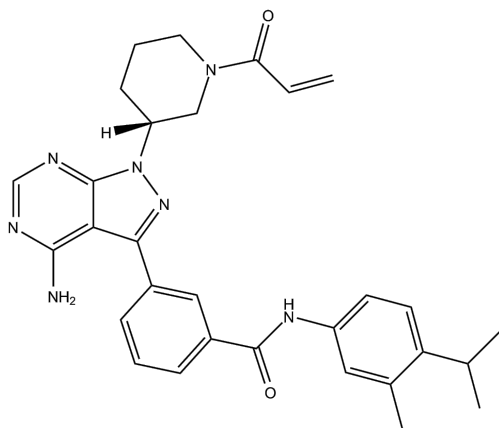
Formula $C_{30}H_{33}N_7O_2$ M.Wt 523.63

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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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