

CGI1746

Cat. No. CEI-1145

Lot. No. (See product label)

Introduction

Description

GCI1746 was identified as a selective and potent ATP-competitive BTK inhibitor with a IC50 of 1.9nM. It is specific for BTK, with around 1000-fold selectivity over Tec and Src family kinases.

Synonyms

RP1-164F3.2, AGMX1, AT, ATK, BPK, IMD1, PSCTK1, XLA

Product Information

CAS No.

910232-84-7

Molecular Formula

C34H37N5O4

Chemical Name

4-(tert-butyl)-N-(2-methyl-3-(4-methyl-6-((4-(morpholine-4-carbonyl)phenyl)amino)-5-oxo-4,5-dihydropyrazin-2-yl)phenyl)benzamide

Molecular Weight

579.69

Purity

> 95%

Targets

BTK

IC50

1.9nM

Solubility

DMSO > 112mg/mL Water >1mg/mL Ethanol > 4mg/mL

Storage and Shipping Information

Storage

4 centigrade

Stability

2 years -20 centigrade Powder 1 month -4 centigrade in DMSO More than one month -80 centigrade in DMSO