

CGI1746

Cat. No. CEI-1145

Lot. No. (See product label)

Introduction

Description CGI1746 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