Creative Enzymes®

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