Creative Enzymes®

LFM-A13

Cat. No. CEI-0966

Lot. No. (See product label)

Introduction

Description	Potent and selective inhibitor of Bruton's tyrosine kinase (BTK). Inhibits recombinant BTK with an IC50 = 2.5 uM and has no activity at other protein kinases (including JAK1, JAK3, HCK, EGFR kinase and insulin receptor kinase) at concentrations up to 300 uM.
Synonyms	2-Cyano-N-(2,5-dibromophenyl)-3-hydroxy-2-butenamide

Product Information

Appearance	Yellow powder
CAS No.	62004-35-7
Molecular Formula	C11H8Br2N2O2
Molecular Weight	360.0
Purity	98% (TLC: 2:8 CH3OH:CH2Cl2; Rf=0.53); NMR (Conforms)
Targets	BTK
Melting Point	145-146ºC
Solubility	DMSO (10 mg/ml) and ethanol (15 mg/ml)