

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; R_f=0.53); NMR (Conforms)

Targets BTK

Melting Point 145-146°C

Solubility DMSO (10 mg/ml) and ethanol (15 mg/ml)