

## 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 IC<sub>50</sub> = 2.5 μM and has no activity at other protein kinases (including JAK1, JAK3, HCK, EGFR kinase and insulin receptor kinase) at concentrations up to 300 μM.

**Synonyms** 2-Cyano-N-(2,5-dibromophenyl)-3-hydroxy-2-butenamide

### Product Information

**Appearance** Yellow powder

**CAS No.** 62004-35-7

**Molecular Formula** C<sub>11</sub>H<sub>8</sub>Br<sub>2</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** 360.0

**Purity** 98% (TLC: 2:8 CH<sub>3</sub>OH:CH<sub>2</sub>Cl<sub>2</sub>; R<sub>f</sub>=0.53); NMR (Conforms)

**Targets** BTK

**Melting Point** 145-146°C

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