

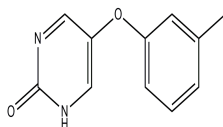
Product: MLR-1023

ALTERNATE NAME: 5-(3-Methylphenoxy)-2(1H)-pyrimidinone; CID-39065; NSC314335; CP-26154; Tolimidone

CATALOG #: 2685-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₁H₁₀N₂O₂

MOLECULAR WEIGHT: 202.21

CAS NUMBER: 41964-07-2

APPEARANCE: White solid

SOLUBILITY: DMSO (~20 mg/ml) or EtOH (~4 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and light

DESCRIPTION: MLR-1023 is an allosteric activator of Lyn kinase (EC₅₀ = 63 nM). It reduces blood glucose levels without increasing insulin secretion in vivo. MLR-1023 does not activate peroxisome proliferator-activated α , δ , and γ receptors or glucagon-like peptide-1 receptors or inhibit dipeptidyl peptidase-4 (DPP-4) or -glucosidase enzyme activity.

REFERENCES: Saporito, M.*et al.* (2012). *J. Pharmacol. Exp. Ther.* **342**, 15-22.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

A-769662 (Cat. No. 1719-5)

AICAR (1687-50, 250)

AMPK Activator, D-942 (Cat. No. 2341-1, 5)

Anisomycin (Cat. No. 1549-10)

Aurintricarboxylic acid (Cat. No. 1506-1000)

Bryostatin 1 (Cat. No. 2513-50, 250)

Cordycepin (Cat. No. 2078-10, 50)

8-Br-cAMP (Cat. No. 1837-5, 25)

8-Br-cGMP (Cat. No. 1838-5, 25)

Ingenol (Cat. No. 2527-1, 5)

Ingenol 3-angelate (Cat. No. 2593-1)

Metformin hydrochloride (Cat. No. 1691-5G)

Phenformin hydrochloride (Cat. No. 1889-100, 1000)

Phorbol-12-myristate-13-acetate (Cat. No. 1544-5)

FOR RESEARCH USE ONLY! Not to be used on humans.