



LKT Laboratories, Inc.

WH-4-023

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Product Information

Product ID W2800

CAS No. 837422-57-8

Chemical Name

Synonym KIN112

Formula $C_{32}H_{36}N_6O_4$

Formula Wt. 568.68

Melting Point

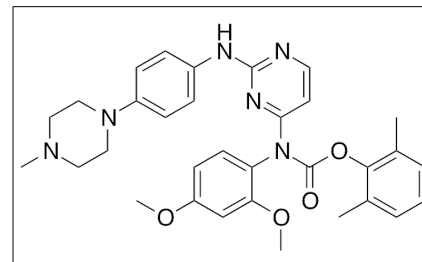
Purity $\geq 99\%$

Solubility DMSO 12 mg/mL
Ethanol 6 mg/mL
Water Insoluble

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description WH-4-023 inhibits Lck, Src, and SIK. In macrophage models, this compound exhibits immunomodulatory activity, inhibiting T cell activation and increasing IL-10 production.



Bulk quantities available upon request

Product ID	Size
W2800	1 mg
W2800	5 mg
W2800	25 mg

References Clark K, MacKenzie KF, Petkevicius K, et al. Phosphorylation of CRTC3 by the salt-inducible kinases controls the interconversion of classically activated and regulatory macrophages. *Proc Natl Acad Sci U S A.* 2012 Oct 16;109(42):16986-91. PMID: 23033494.

Martin MW, Newcomb J, Nunes JJ, et al. Novel 2-aminopyrimidine carbamates as potent and orally active inhibitors of Lck: synthesis, SAR, and in vivo antiinflammatory activity. *J Med Chem.* 2006 Aug 10;49(16):4981-91. PMID: 16884310.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.