



LKT Laboratories, Inc.

NG-52

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Product Information

Product ID N2400

CAS No. 212779-48-1

Chemical Name 2-(2-Hydroxyethylamino)-6-(3-chloroanilino)-9-isopropylpurine

Synonym Compound 52

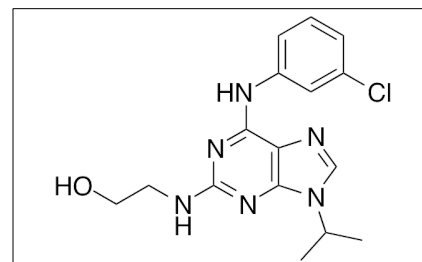
Formula C₁₆H₁₉ClN₆O

Formula Wt. 346.81

Melting Point

Purity ≥98%

Solubility 10 mM in DMSO, 50 mg/mL in methylene chloride:



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
N2400	1 mg	\$80.40
N2400	5 mg	\$321.50
N2400	25 mg	\$1045.00

Store Temp -20°C

Ship Temp Ambient

Description NG-52 is a purine and analog of purvalenol A that exhibits antimicrobial activity. NG-52 inhibits cyclin-dependent kinase 2 (CDK2), Cdc28p, and Pho85p. This compound also inhibits survival of *Saccharomyces*.

References Gray NS, Wodicka L, Thunnissen AM, et al. Exploiting chemical libraries, structure, and genomics in the search for kinase inhibitors. *Science*. 1998 Jul 24;281(5376):533-8. PMID: 9677190.

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