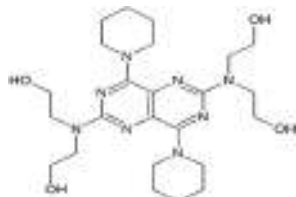


Dipyridamole

ALTERNATE NAME: NSC 619103
NSC 515776
2,2',2'',2'''-[[[4,8-di-1-piperidiny]pyrimido[5,4-d]pyrimidine-2,6-diyl]dinitrilo]tetrakis-ethanol

CATALOG #: B3221-1G 1 g
B3221-5G 5 g

STRUCTURE:



MOLECULAR FORMULA: C₂₄H₄₀N₈O₄

MOLECULAR WEIGHT: 504.63

CAS NUMBER: 58-32-2

APPEARANCE: Yellow to orange crystalline powder

PURITY: ≥98% by HPLC

SOLUBILITY: >30 mg/ml DMSO

DESCRIPTION: Dipyridamole is a phosphodiesterase 5A (PDE5A) inhibitor (IC₅₀ = 574 nM) that blocks uptake and metabolism of adenosine by erythrocytes and vascular endothelial cells. Dipyridamole also potentiates the antiaggregating action of prostacyclin. Formulations containing dipyridamole in combination with aspirin have been used to prevent stroke and other cardiovascular events. Apart from the well-known antiplatelet function, DIP may provide potential therapeutic benefits to patients with COVID-19.

STORAGE TEMPERATURE: -20°C. Protect from light

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

RELATED PRODUCTS:

Sildenafil citrate (2872)
Zaprinast (1715)
IBMX (1714)

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