

NPC-15437

Cat. No. CEI-0969

Lot. No. (See product label)

Introduction

Description Potent and selective inhibitor of protein kinase C which binds to the regulatory domain ($IC_{50}=19\mu M$). It specifically interacts with the C1 domain of PKC. Important tool for assessing the role of PKC in various signaling pathways. Cell permeable. Active in vivo.

Synonyms (S)-2,6-Diamino-N-[(1-(1-oxotridecyl)-2-piperidiny] methyl] hexanamide dihydrochloride hydrate

Product Information

Appearance Light yellow to white powder

CAS No. 141774-20-1

Molecular Formula $C_{25}H_{50}N_4O_2 \cdot 2HCl$

Molecular Weight 511.6

Purity 98% (TLC); NMR (Conforms)

Targets PKC

Solubility May be dissolved in: water (10 mg/ml)