Product Datasheet

NPC-15437 dihydrochloride

Catalog No. **BP-02188A** · CAS **141774-20-1** · Form **salt · dihydrochloride** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-07**

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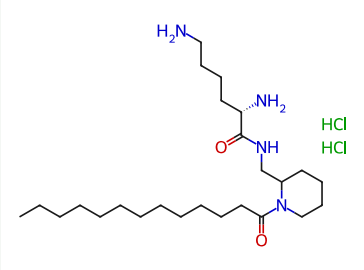
Target	Research area
PKC	**Neurological Disease**

Molecular formula	**$C_{25}H_{52}Cl_2N_4O_2$**
Molecular weight	**511.6120**

STRUCTURE



DESCRIPTION

NPC-15437 dihydrochloride is a selective, penetrable and reversible protein kinase C (PKC) inhibitor, with an IC50 of 19 μM. NPC-15437 dihydrochloride interferes with mechanisms underlying memory consolidation .

SOLUBILITY

soluble in DMSO

REFERENCES

[1]. Mathis C, et al. The selective protein kinase C inhibitor, NPC 15437, induces specific deficits in memory retention in mice. Eur J Pharmacol. 1992 Sep 10;220(1):107-10.

[2]. Sullivan JP, et al. 2,6-Diamino-N-([1-(1-oxotridecyl)-2-piperidinyl] methyl)hexanamide (NPC 15437): a novel inhibitor of protein kinase C interacting at the regulatory domain. Mol Maheux, J., et al. Pharmacol. 1992 Jan;41(1):38-44.

[3]. Modulation of Nur77 expression by dopaminergic drug is altered by a MEK pathway inhibitor in vivo. The FASEB Journal, 20: A684-A685.