Propranolol

Adrenergic receptor inhibitor

Propranolol blocks PLD derived DAG formation by inhibiting phosphatidate phosphohydrolase (IC_{50}=70 μM). It is a useful tool to discriminate between PLC or PLD mediated DAG production. It is also a β-adrenergic receptor blocking agent.

Citations: 7 View Online »

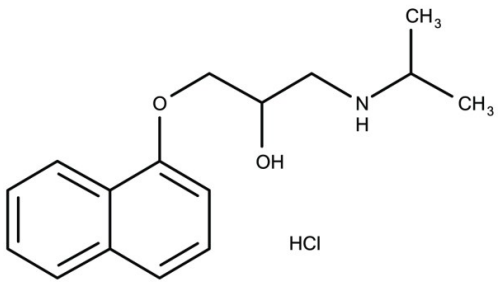
Ordering Information

Order Online »

BML-ST405-0005	5g

Manuals, SDS & CofA

View Online »


CH3
O
N
H
CH3
OH
HCl

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white powder.
CAS	318-98-9
Couple Target	Adrenergic receptor, Phospholipase, PLD
Couple Type	Inhibitor
Formula	$C_{16}H_{21}NO_2$. HCl
Identity	Determined by 1H-NMR and LC-MS.
MW	295.8
Purity	≥98% (HPLC)
Solubility	Soluble in water.

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