SQ 22536

Adenylate cyclase inhibitor

SQ 22536 is a cell-permeable adenylate cyclase inhibitor. It inhibits cAMP production induced by prostaglandin E_1 in platelet lysates (IC_{50}=82 μM) and in intact platelets (IC_{50}=1 μM). It has been successfully employed as a probe for the involvement of adenylate cyclase in a variety of receptor systems including those for prostaglandins and neurotransmitters. ReducesPGE_2-induced inhibition of O_2- production.

Citations: 18 View Online »

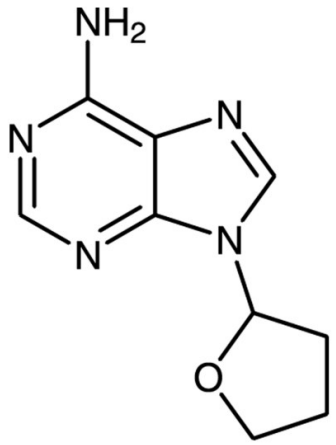
Ordering Information

Order Online »

BML-CN140-0005	5mg

Manuals, SDS & CofA

View Online »


NH2
N
N
N
N
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	9-THF-Ade
Appearance	White to off-white solid.
CAS	17318-31-9
Couple Target	Adenylate cyclase
Couple Type	Inhibitor
Formula	$C_9H_{11}N_5O$
MW	205.2
Purity	≥99% (TLC)
Solubility	Soluble in water (25mg/ml) or DMSO (50mM with warming).
Source	Synthetic.

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