

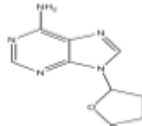
**PRODUCT: SQ 22536**

ALTERNATE NAME: 9-(Tetrahydrofuran-2-yl)-9H-purin-8-amine; 9-THF-Ade

CATALOG #: 2019-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O

MOLECULAR WEIGHT: 205.22

CAS NUMBER: 17318-31-9

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (>10 mg/ml) or H<sub>2</sub>O (>10 mg/ml)

PURITY: ≥97% by HPLC

STORAGE: Store at -20 °C. Protect from light.

DESCRIPTION: Cell-permeable. SQ 22,536 is an adenylyl cyclase inhibitor. (IC<sub>50</sub> = 1.4 μM). It inhibits cAMP production induced by prostaglandin E<sub>1</sub> in platelet lysates (IC<sub>50</sub> = 82 μM) and in intact platelets (IC<sub>50</sub> = 1 μM).

**RELATED PRODUCTS:**

Forskolin (Cat. No. 1531-5)

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

USAGE: *FOR RESEARCH CH USE ONLY! Not to be used in humans*