

# A.G. Scientific, Inc.

6450 Lusk Blvd. Suite E102  
SAN DIEGO, CA  
92121



## CERTIFICATE of ANALYSIS

<b>PRODUCT:</b>	<b>SQ 22536</b> [9-(Tetrahydro-2'-furnyl)adenine] C <sub>9</sub> H <sub>11</sub> N <sub>5</sub> O, M.W. 205.2, CAS# [17318-31-9]
<b>PRODUCT NUMBER:</b>	S-1076
<b>LOT NUMBER:</b>	B1265
<b>APPEARANCE:</b>	Off-white solid
<b>SOLUBILITY:</b>	Soluble in water (25 mg/ml).
<b>PURITY (TLC):</b>	>99% (Rf = 0.17)
<b>MELTING POINT:</b>	160 - 161°C
<b>OTHER DATA:</b>	Cell permeable adenylate cyclase inhibitor. 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). 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. The product is not sterile.
<b>STORAGE &amp; HANDLING:</b>	Keep cool and dry at +4°C. Solutions are stable for up to 3 months when stored at -20°C.

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

A.G. Scientific, Inc, AN ISO 9001:2000 COMPANY  
PHONE: (858) 452-9925, Toll FREE: (877) 452-9925, FAX: (858) 452-9926  
EMAIL: [info@agscientific.com](mailto:info@agscientific.com), Web SITE: [www.agscientific.com](http://www.agscientific.com)

# A.G. Scientific, Inc.

6450 Lusk Blvd. Suite E102  
SAN DIEGO, CA  
92121



---

Verified: TA

A.G. Scientific, Inc, AN ISO 9001:2000 COMPANY  
PHONE: (858) 452-9925, Toll FREE: (877) 452-9925, FAX: (858) 452-9926  
EMAIL: [info@agscientific.com](mailto:info@agscientific.com), Web site: [www.agscientific.com](http://www.agscientific.com)