



## CERTIFICATE OF ANALYSIS

**PRODUCT:** **SQ 22536**, Adenylate cyclase inhibitor  
C<sub>9</sub>H<sub>11</sub>N<sub>5</sub>O, M.W. 205.2, CAS# [17318-31-9]

**PRODUCT NUMBER:** S-1076

**LOT NUMBER:** E1225

**APPEARANCE:** Off-white solid

**SOLUBILITY:** Soluble in water (> 10 mg/ml) or DMSO(> 10 mg/ml)

**PURITY (HPLC):** ≥97%

**OTHER DATA:** 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. Reduces PGE<sub>2</sub>-induced inhibition of O<sub>2</sub>-production.

**STORAGE & HANDLING:** Keep cool and dry at +4°C. Store long term at -20°C. Solutions are stable for up to 3 months when stored at -20°C. **PROTECT FROM LIGHT**

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.

Verified: AZ