

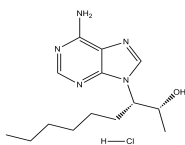
**PRODUCT: EHNA hydrochloride**

**ALTERNATE NAME:** *erythro*-9-(2-Hydroxy-3-nonyl)adenine; ( $\alpha$ R, $\beta$ S)-rel-6-amino- $\beta$ -hexyl- $\alpha$ -methyl-9H-purine-9-ethanol, monohydrochloride; NSC 263164

**CATALOG #:** 2265-5, 25

**AMOUNT:** 5 mg, 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>14</sub>H<sub>23</sub>N<sub>5</sub>O • HCl

**MOLECULAR WEIGHT:** 313.83

**CAS NUMBER:** 58337-38-5

**APPEARANCE:** White solid

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

**PURITY:** ≥98% by HPLC

**STORAGE:** At -20° C. Protect from light and moisture

**DESCRIPTION:** A selective inhibitor of the cGMP-specific phosphodiesterase (PDE2) (IC<sub>50</sub>s = 0.8 and 2 μM from human and porcine myocardium, respectively, 3.5 μM in rat hepatocyte, and 5.5 μM in human platelet). Also a reversible adenosine deaminase inhibitor (IC<sub>50</sub> = 1.2 μM in human red blood cells)

**REFERENCE:** Podzuweit, T., *et al.* (1995). *Cell Signal* **7**, 733-738.

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

**RELATED PRODUCTS:**

- IBMX (Cat. No. 1714-100)
- Milrinone (Cat. No. 2163-5, 25)
- (R,S)-Rolipram (Cat. No. 2010-5)
- RO 20-1724 (Cat. No. 2042-50, 250)
- Zaprinast (Cat. No. 1715-25)

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