

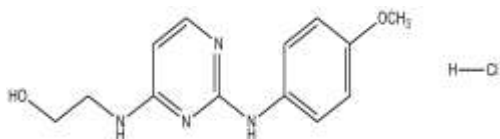
Cardiogenol C hydrochloride

ALTERNATE NAME: 4-(2-Hydroxyethylamino)-2-(4-methoxyphenylamino)-pyrimidine hydrochloride

CATALOG #: 1926-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₃H₁₆N₄O₂·HCl

MOLECULAR WEIGHT: 296.75

CAS NUMBER: 671225-39-1

APPEARANCE: White solid

SOLUBILITY: DMSO (~30 mg/ml) or water (~ 30 mg/ml)

PURITY: ≥98% by TLC

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

DESCRIPTION: Cell-permeable. Induces differentiation of mouse embryonic stem cells (ESCs) into cardiomyocytes (EC₅₀ = 100 nM).

REFERENCE: Wu, X., *et al.* (2004). *J. Am. Chem. Soc.* **125**, 1590-1591.

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

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Compound 1 (**Cat. No. 1688-1**)
- Cyclopamine (**Cat. No. 1578-5**)
- Cyclopamine-KAAD (**Cat. No. 1910-50**)
- Cyclosporine A (**Cat. No. 1522-100, 1G**)
- DAPT (**Cat. No. 1855-5**)
- Dexamethasone (**Cat. No. 1042-1G, 10G**)
- Forskolin, *Coleus Forskohlii* (**Cat. No. 1531-5**)
- GANT58 (**Cat. No. 1812-5, 25**)
- GANT61 (**Cat. No. 1892-5**)
- GDC-0449 (**Cat. No. 1890-5, 25**)
- Geldanamycin (**Cat. No. 1564-1,5**)
- Hh Signaling Pathway Antagonist (**Cat. No. 1659-1**)
- JK 184 (**Cat. No. 1726-1**)
- Kenpaullone (**Cat. No. 1904-1**)
- Neuropathiazol (**Cat. No. 1903-5, 25**)
- Purmorphamine (**Cat. No. 1672-5**)
- Rapamycin (**Cat. No. 1568-5,50**)
- EZSolution™ Rapamycin (**Cat. No. 1746-5**)
- Reversine (**Cat. No. 1851-1, 5**)
- SB-431542 (**Cat. No. 1674-1**)
- EZSolution™ SB-431542 (**Cat. No. 1872-1**)
- **Shz-1 (Cat. No. 1915-1**
- Sodium Butyrate (**Cat. No. 1609-1000**)
- Stauprimide (**Cat. No. 1743-500**)
- Trichostatin A (**Cat. No. 1606-1**)
- U0126 (**Cat. No. 1668-5**)
- WHIP-131 (**Cat. No. 1853-5, 25**)