

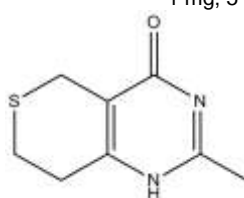
DR2313

ALTERNATE NAME: 1,5,7,8-Tetrahydro-2-methyl-4H-thiopyrano[4,3-d]pyrimidin-4-one

CATALOG #: 1771-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₈H₁₀N₂OS

MOLECULAR WEIGHT: 182.24

CAS NUMBER: 284028-90-6

APPEARANCE: Off-white to white solid

SOLUBILITY: H₂O (40 mM)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C

DESCRIPTION: A potent, brain-penetrant, and water-soluble poly(ADP-ribose) polymerase (PARP) inhibitor. IC₅₀ values are 0.20 and 0.24 μM for PARP-1 and PARP-2 respectively. Neuroprotective *in vitro* and *in vivo*.

REFERENCE: Nakajima, H., et al. (2005). *J. Pharmacol. Exp. Ther.* **312**, 472-481.

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

RELATED PRODUCTS:

- ABT-888 (**Cat. No. 1620-1, 5**)
- PARP (cleaved) Antibody (**Cat. No. 3140-100**)
- PARP (cleaved) Antibody (**Cat. No. 3141-100**)
- PARP (cleaved) Antibody (**Cat. No. 3142-100**)
- PARP Antibody (**Cat. No. 3001-100**)
- PARP Antibody (**Cat. No. 3002-100**)

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