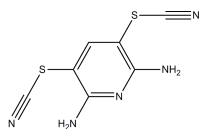


**PRODUCT: DUB Inhibitor, PR-619****ALTERNATE NAME:** 2,6-Diaminopyridine-3,5-bis(thiocyanate), 3,5-Dithiocyanatopyridine-2,6-diamine**CATALOG #:** 2302-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>7</sub>H<sub>5</sub>N<sub>5</sub>S<sub>2</sub>**MOLECULAR WEIGHT:** 223.28**CAS NUMBER:** 2645-32-1**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (~5 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** At -20°C. Protect from air and light**DESCRIPTION:** A cell-permeable, reversible, and broad-spectrum inhibitor of the deubiquitinating enzymes (DUBs). Treatment of cells with PR-619 results in the accumulation of both ubiquitin and sumo-conjugated proteins.**REFERENCE:** Seiberlich, V., *et al.* (2012). *Biochim. Biophys. Acta.* **1823**, 2057-2068; Altun, M., *et al.* (2011). *Chem. Biol.* **18**, 1401-1412; Tian, X., *et al.* (2011);**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

LDN-57444 (Cat. No. 2016-5, 25)

Spautin-1 (Cat. No. 2037-5, 25)

USP14 Inhibitor, IU-1 (Cat. No. 1845-5, 25)

USP7/USP47 Inhibitor P22077 (Cat. No. 2301-5, 25)

WP-1130 (Cat. No. 2014-5, 25)

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