**Product:** (R)-Perharidine-1

**Alternate Name:** (R)-2-(((3-isopropyl)-7-(4-pyridin-2-yl)benzylamino)-3H-imidazo[4,5-b]pyridin-5-yl)amino)butan-1-ol

**Catalog #:** 2615-1,5

**Amount:** 1 mg, 5 mg

**Structure:**

![Structure of (R)-Perharidine-1](image)

**Molecular Formula:** C₂₅H₃₀N₆O

**Molecular Weight:** 430.55

**CAS No.** 1133437-80-5

**Appearance:** White to off-white solid

**Solubility:** DMSO or EtOH

**Purity:** >95% by NMR

**Storage:** Store at -20°C. Protect from air and light

**Description:** A potent and selective inhibitor of cyclin dependent kinases CDK1, CDK2, CDK5 and CDK9. Apoptosis inducer. Also acts as a casein kinase 1 (CK1δ/ε) inhibitor. Inhibits the proliferation of various cancer cell lines.


**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 in humans.**