**PRODUCT:** Lonidamine

**CATALOG #:** B1058-10, 50

**AMOUNT:** 10 mg, 50 mg

**STRUCTURE:**

![Structure of Lonidamine](image)

**MOLECULAR FORMULA:** C₁₅H₁₀Cl₂N₂O₂

**MOLECULAR WEIGHT:** 321.16

**CAS NUMBER:** 50264-69-2

**APPEARANCE:** White solid

**SOLUBILITY:** DMSO (>30 mg/ml)

**PURITY:** ≥95%

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

**DESCRIPTION:** Lonidamine is a derivative of indazole-3-carboxylic acid that inhibits glycolysis by the inactivation of hexokinase, an enzyme that catalyzes glucose as the first step in glycolysis. Also blocks CFTR Cl⁻ channels in vitro. Acts as an anticancer and antispermatic agent in vitro and in vivo.


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

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