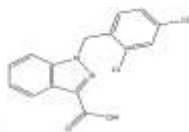


PRODUCT: Lonidamine**ALTERNATE NAME:** 1-[(2,4-Dichlorophenyl)methyl]-1*H*-indazole-3-carboxylic acid**CATALOG #:** B1058-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₁₅H₁₀Cl₂N₂O₂**MOLECULAR WEIGHT:** 321.16**CAS NUMBER:** 50264-69-2**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>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 antispermatogenic agent *in vitro* and *in vivo*.**REFERENCES:** Teicher, B.A. (1994). *Eur. J Cancer* **30A**, 1411-1413.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**3-Bromopyruvic acid (**B1045**)6-Aminonicotinamide (**B1047**)2-Deoxy-D-glucose (**B1048**)D-Fructose 1,6-bisphosphate trisodium salt (**B1057**)Lonidamine (**Cat. No. B1058**)Oxythiamine Chloride Hydrochloride (**B1046**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**