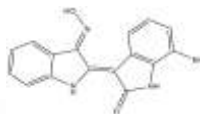


**PRODUCT: 7BIO****ALTERNATE NAME:** 7-Bromoindirubin-3'-oxime**CATALOG #:** 9690-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>16</sub>H<sub>10</sub>BrN<sub>3</sub>O<sub>2</sub>**MOLECULAR WEIGHT:** 356.2**CAS NUMBER:** 916440-85-2**APPEARANCE:** Dark red solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by NMR**STORAGE:** Store at -20°C. Protect from air and light

**DESCRIPTION:** 7BIO is a caspase- independent nonapoptotic cell death inducer. Also acts as an ATP-competitive FLT3 inhibitor and DYRK1A and DYRK 2 (Dual-specificity tyrosine phosphorylation-regulated kinase) inhibitor. In addition, 7BIO is a necrosis inducer and inflammasome activator. Also a potent inhibitor of Aurora kinase B and C.

**REFERENCES:** Feranndin, Y., *et al.* (2006). *J. Med. Chem.* **49**, 4638-4649.

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

**RELATED PRODUCTS:**7BIO (**9690**)Isoliquiritigenin (**2528**)MCC950 Sodium (**9686**)Nigercin Sodium (**2096**)Uric Acid Sodium (**9689**)**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*