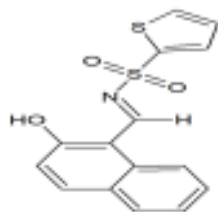


# STF-083010

**ALTERNATE NAME:** N-[(2-Hydroxy-1-naphthalenyl)methylene]-2-thiophenesulfonamide  
STF083010

**CATALOG #:** B2528-5 5 mg  
B2528-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>15</sub>H<sub>11</sub>NO<sub>3</sub>S<sub>2</sub>

**MOLECULAR WEIGHT:** 317.38

**CAS NUMBER:** 307543-71-1

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98% by HPLC

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

**DESCRIPTION:** STF-083010 is a potent Ire1 inhibitor. STF-083010 inhibits Ire1 endonuclease activity, without affecting its kinase activity, after endoplasmic reticulum stress. It blocks endogenous XBP1 mRNA splicing. Displays cytostatic and cytotoxic effects in CD138+ multiple myeloma (MM) cells in vitro.

**STORAGE TEMPERATURE:** -20°C. Protect from light

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

**RELATED PRODUCTS:**

4μ8C (B2495)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***