

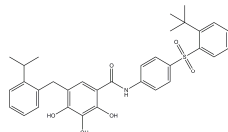
Product: TW-37

ALTERNATE NAME: N-[4-(2-tert-butylphenyl)sulfonylphenyl]-2,3,4-trihydroxy-5-[(2-propan-2-ylphenyl)methyl]benzamide

CATALOG #: 2789-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₃H₃₅NO₆S

MOLECULAR WEIGHT: 573.7

CAS NUMBER: 877877-35-5

APPEARANCE: White solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: TW-37 is a novel nonpeptide inhibitor to recombinant Bcl-2, Bcl-xL and Mcl-1 with K_i of 0.29 μM, 1.11 μM and 0.26 μM, respectively. TW-37 inhibits the growth of a broad range of cancer cells (such as breast, prostate, lymphoma, and pancreatic cancer), since it induces S-phase cell cycle arrest with regulation of several important cell cycle related genes, including *p27*, *p57*, *E2F-1*, *cdc25A*, *CDK4*, *cyclin A*, *cyclin D1* and *cyclin E*.

REFERENCES: Ashimori, N., *et al.* (2009). *Mol. Cancer Ther.* **8**, 893-903.

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

RELATED PRODUCTS:

ABT-263 (Cat. No. 2467-5, 25)

ABT-737 (Cat. No. 2463-5, 25)

AT-101 (Cat. No. 2380-5, 25)

Bcl2 Inhibitor GX15-070 (Cat. No. 2040-5)

Bcl2 Inhibitor ABT-199 (Cat. No. 2253-1, 5)

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