

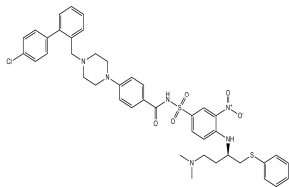
PRODUCT: ABT-737

ALTERNATE NAME: 4-[4-[(4'-Chloro[1,1'-biphenyl]-2-yl)methyl]-1-piperazinyl]-N-[[4-[[[(1R)-3-(dimethylamino)-1-[(phenylthio)methyl]propyl]amino]-3-nitrophenyl]sulfonyl]benzamide

CATALOG #: 2463-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₄₂H₄₅ClN₆O₅S₂

MOLECULAR WEIGHT: 813.43

CAS No. 852808-04-9

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>100 mg/ml)

PURITY: >98% by HPLC

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

DESCRIPTION: A small-molecule inhibitor of the anti-apoptotic proteins Bcl-2, Bcl-X(L) and Bcl-w. *In vitro*, ABT-737 binds Bcl-xL, Bcl-2 and Bcl-w with comparable high affinity, while it has over 1000-fold lower affinities for Bcl-B, Bfl-1 and Mcl-1. Displays wide range of single-agent activity against acute lymphoblastic leukemia (ALL) cell lines and xenografts.

REFERENCES: Beurlet, S., *et al.* (2013). *Blood*. **122**, 2864-2876; Olstersdorf, T., *et al.* (2005). *Nature* **435**, 677-681.

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

RELATED PRODUCTS:

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

Bcl-2 Inhibitor, ABT-199 (Cat. No. 2253-1, 5)

Bcl-2 Inhibitor, GX15-070 (Cat. No. 2040-5)

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