PRODUCT: ABT-263

ALTERNATE NAME: (R)-4-((4'-(chloro-4,4-dimethyl-3,4,5,6-tetrahydro-[1,1'-biphenyl]-2-yl)methyl)piperazin-1-yl)-N-((4-(4-morpholino-1-(phenylthio)butan-2-yl)amino)-3-((trifluoromethyl)sulfonyl)phenyl)sulfonyl)benzamide; Navitoclax

CATALOG #: 2467-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C_{45}H_{55}ClF_{3}N_{5}O_{6}S_{3}

MOLECULAR WEIGHT: 974.61

CAS No.: 923564-51-6

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>50 mg/ml)

PURITY: >98% by HPLC

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

DESCRIPTION: A potent, small molecule Bcl-2 family protein inhibitor (Ki’s of <1 nmol/L for Bcl-2, Bcl-XL and Bcl-w). Displays anticancer properties. Selectively binds to apoptosis suppressor proteins Bcl-2, Bcl-XL, and Bcl-w and prevents their binding to the apoptotic effectors Bax and Bak proteins, which may trigger apoptosis in tumor cells overexpressing Bcl-2, Bcl-XL, and Bcl-w.


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

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

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