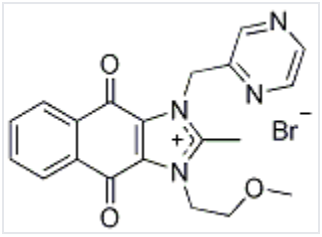
YM155 (Sepantronium Bromide) Inhibitor

PRODUCT OVERVIEW

Product Name	YM155 (Sepantronium Bromide), Inhibitor
Full Product Name	YM155 (Sepantronium Bromide)
Form/Format	Powder
Purity/Purification	>98%
Concentration	0.1 mM: 22.56 mL (1 mg); 112.79 mL (5 mg); 225.58mL (10 mg) 0.5 mM: 4.51 mL (1 mg); 22.56 mL (5 mg); 45.12 mL (10 mg) 1 mM: 2.26 mL (1 mg); 11.28 mL (5 mg); 22.56 mL (10 mg) 5 mM: 0.45 mL (1 mg); 2.26 mL (5 mg); 4.51 mL (10 mg) (lot specific)
Preparation and Storage	at -20 degree C 3 years Powder
Molecular Weight	443.3
CAS Number	781661-94-7
Formula	C20H19BrN4O3
SMILES	CC1=[N+](C2=C(N1CCOC)C(=O)C3=CC=CC=C3C2=O)CC4=NC=CN=C4.[Br-]
Actions	Inhibitor
In Vivo Solvent	Saline
Solubility (DMSO)	55 mg/mL (124.07 mM)
Solubility (Ethanol)	6 mg/mL (13.53 mM)
Solubility (in vivo)	30 mg/mL
Solubility (Water)	89 mg/mL (200.77 mM)
Availability	We cannot ship this item to Switzerland, Italy, Germany, France and Austria.
Related Product Information for YM155 (Sepantronium Bromide), inhibitor	YM155 is a novel small molecule survivin suppressant with an IC50 of 0.54 nM for the inhibition of survivin promoter activity.
Product References and Citations for YM155 (Sepantronium Bromide), inhibitor	Momeny M, .et al. The ERBB receptor inhibitor dacomitinib suppresses proliferation and invasion of pancreatic ductal adenocarcinoma cells, Cell Oncol (Dordr), 2019, Apr 25 PMID: 31025257 Yamamoto M, .et al. AS602801 Sensitizes Ovarian Cancer Stem Cells to Paclitaxel by Down-regulating MDR1, Anticancer Res, 2019, Feb;39(2):609-617 PMID: 30711936 V??zquez-Mellado MJ, .et al. Erythropoietin promotes expression of survivin via STAT3 activation and reduces sensitivity to cisplatin in cervical cancer cells, Oncol Rep, 2018, Nov 27 PMID: 30483799 MASAHIRO YAMAMOTO, .et al. AS602801, an Anticancer Stem Cell Candidate Drug, Reduces Survivin Expression and Sensitizes A2780 Ovarian Cancer Stem Cells to Carboplatin and Paclitaxel, Anticancer Res, 2018, Dec 38 (12) 6699-6706 PMID: 30504379 Ahn MR, .et al. Both triazolyl ester of ketorolac (15K) and YM155 inhibit the embryonic angiogenesis in ovo (fertilized eggs) via their common PAK1-survivin/VEGF signaling pathway, Drug Discov Ther, 2017, 11(6):300-306 PMID: 29332887 MASAYA MINODA, .et al. Antitumor effect of YM155, a novel small-molecule survivin suppressant, via mitochondrial apoptosis in human MFH/UPS, Int J Oncol., 2015, Sep; 47(3): 891-899 PMID: 26166250
Other Notes	Small volumes of YM155 (Sepantronium Bromide), inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for YM155 (Sepantronium Bromide) purchase	MBS385767 is an inhibitor targeting YM155 (Sepantronium Bromide).



Chemical Structure of YM155 (Sepantronium Bromide), inhibitor

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/ym155-sepantronium-bromide/385767