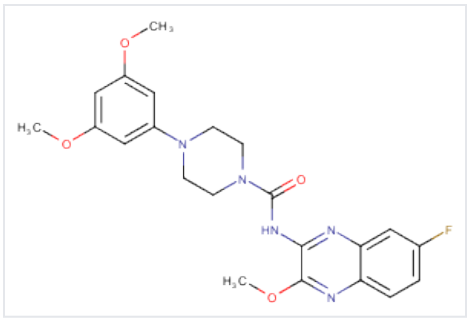
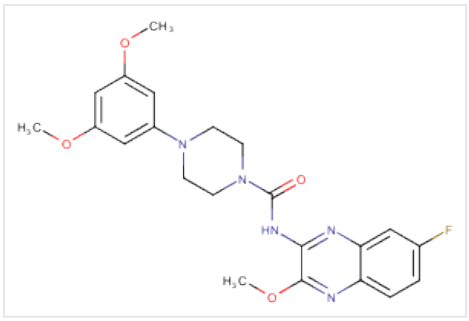
Supinoxin Inhibitor

PRODUCT OVERVIEW

Product Name	Supinoxin, Inhibitor
Full Product Name	Supinoxin
Product Synonym Names	RX-5902
Purity/Purification	98.16%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	441.463
SMILES	COc1cc(OC)cc(c1)N1CCN(CC1)C(=O)Nc1nc2cc(F)ccc2nc1OC
Formula	C22H24FN5O4
CAS Number	888478-45-3
Target	Apoptosis|||DNA/RNA Synthesis
Solubility	DMSO: 100mg/mL (226.52 mM), Need ultrasonic (<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	Supinoxin (p.o.; 160/320/600mg/kg; once weekly for 3 weeks) obviously dose-dependent tumor growth inhibition in the MDA-MB-231 model, exhibits TGI of 55.7%, 80.29% and 94.58% at 160mg/kg, 320mg/kg and 600mg/kg, respectively [1].
Product Categories/Family for Supinoxin, inhibitor	Apoptosis; Cell Cycle/Checkpoint; DNA Damage/DNA Repair
Related Product Information for Supinoxin, inhibitor	Supinoxin is an orally active inhibitor of phosphorylated-p68 RNA helicase and a potent first-in-class anti-cancer agent. Supinoxin induces cell apoptosis and inhibits the growth of TNBC cancer cell lines (IC50s:10nM - 20nM).
Product References and Citations for Supinoxin, inhibitor	1 Kos GC e al Nove Anti-Cance Agent 1-(3,5-Dimethoxyphenyl)-4-[(6-Fluoro-2-Methoxyquinoxalin-3-yl)Aminocarbonyl Piperazin (RX-5902) Interfere Wit beta-Cateni Functio Throug Y59 Phospho-p6 RN Helicase. Cel Biochem. 201 Aug 16(8):1595-601. 2 Capass A e al First-in-Clas Phosphorylated-p6 Inhibito RX-590 Inhibit beta-Cateni Signalin an Demonstrate AntiuMo Activit i Triple-Negativ Breas Cancer.Nov 8(11):1916-1925.
Other Notes	Small volumes of Supinoxin, 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 Supinoxin purchase	MBS5770019 is an inhibitor targeting Supinoxin.



Structure of Supinoxin, inhibitor
Supinoxin, CAS 888478-45-3



Structure of Supinoxin, inhibitor
Supinoxin, CAS 888478-45-3

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/supinoxin/5770019