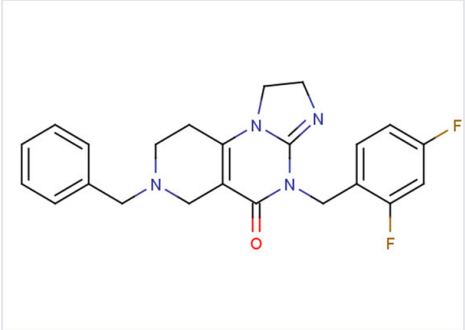
ONC206 Inhibitor

PRODUCT OVERVIEW

Product Name	ONC206, Inhibitor
Full Product Name	ONC206
Product Gene Name	ONC206, inhibitor
Form/Format	Solid. Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	408.44
Solubility	DMSO: 100mg/mL (244.83mM) Need ultrasonic (<1mg/ml refers to the product slightly soluble or insoluble)
Formula	C23H22F2N4O
SMILES	O=C1N(CC2=CC=C(F)C=C2F)C3=NCCN3C4=C1CN(CC5=CC=CC=C5)CC4
CAS Number	1638178-87-6
Target & IC50	DRD2/3/4
In Vitro	ONC206 (100mg/kg; p.o.; every 10 days) reduces obviously tumor growth inhibition[2].
Related Product Information for ONC206, inhibitor	ONC206 is an analogue of TRAIL inducer ONC201 and is a selective antagonist of the D2-like dopamine receptors (DRD2/3/4) at nanomolar concentrations. ONC206 also has broad-spectrum anti-tumor activity.
Product References and Citations for ONC206, inhibitor	Wagner J, et al. Preclinical evaluation of the imipridone family, analogs of clinical stage anti-cancer small molecule ONC201, reveals potent anti-cancer effects of ONC21Cell Cycle. 2017 Oct 2;16(19):1790-1799. Wagner J, et al. Preclinical evaluation of the imipridone family, analogs of clinical stage anti-cancer small molecule ONC201, reveals potent anti-cancer effects of ONC212. Cell Cycle. 2017 Oct 2;16(19):1790-1799. Varun Vijay Prabhu, et al. Potent anti-cancer activity of the imipridone ONC206: A selective dopamine D2-like receptor antagonist. AACR Annual Meeting 2017, April 1-5, 2017; Washington, DC. Varun Vijay Prabhu, et al. Potent anti-cancer activity of the imipridone ONC206: A selective dopamine D2-like receptor antagonist. AACR Annual Meeting 2017, April 1-5, 2017; Washington, DC. Zhang Y, Huang Y, Yin Y, et al. ONC206, an Imipridone Derivative, Induces Cell Death Through Activation of the Integrated Stress Response in Serous Endometrial Cancer In Vitro[J]. Frontiers in Oncology, 2020, 10:577141.
Other Notes	Small volumes of ONC206, 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 ONC206 purchase	MBS5755307 is an inhibitor targeting ONC206.



Structure of ONC206, 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/onc206/5755307