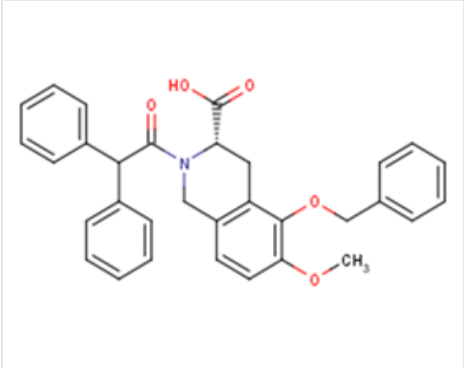
EMA401 Inhibitor

PRODUCT OVERVIEW

Product Name	EMA401, Inhibitor
Full Product Name	EMA401
Product Gene Name	EMA401, inhibitor
Product Synonym Names	RAAS
Form/Format	POWDER
Purity/Purification	98.0%
Preparation and Storage	Powder: 3 years -20 degree C In Solvent: 2 years -80 degree C
Molecular Weight	507.58
CAS Number	1316755-16-4
Formula	C32H29NO5
Smiles	COc1ccc2CN([C@@H](Cc2c1OCc1ccccc1)C(O)=O)C(=O)C(c1ccccc1)c1ccccc1
Solubility	DMSO: >=34 mg/mL
Pathways	Endocrinology; Hormones
Receptor	angiotensin II receptor
Product Remark	For obtaining a higher solubility, please warm the tube at 37 degree C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 degree C for several month.
Product Categories/Family for EMA401, inhibitor	Analgesics
Related Product Information for EMA401, inhibitor	EMA401, a highly selective AT2R antagonist, inhibition of augmented AngII/AT2R induced p38 and p42/p44 MAPK activation, and hence inhibition of DRG neuron hyperexcitability and sprouting of DRG neurons. EMA401 blocks p38, p42/p44 mitogen-activated protein kinase (MAPK) activation, neurite outgrowth in adult rat DRG neurons, and sensitization of adult rat and human DRG neurons induced by AngII. It inhibits capsaicin responses in cultured hDRG neurons.
Product References and Citations for EMA401, inhibitor	1. Rice A S C, Dworkin R H, McCarthy T D, et al. EMA401, an orally administered highly selective angiotensin II type 2 receptor antagonist, as a novel treatment for postherpetic neuralgia: a randomised, double-blind, placebo-controlled phase 2 Clinicalal trial[J]. The Lancet, 2014, 383(9929): 1637-1647.
Other Notes	Small volumes of EMA401, 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 EMA401 purchase	MBS5750547 is an inhibitor targeting EMA401.



Chemical Structure of EMA401, 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/ema401/5750547