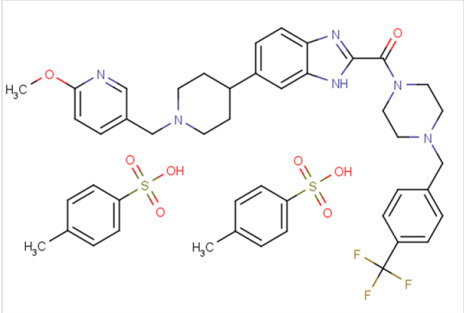
ASP4132 Inhibitor

PRODUCT OVERVIEW

Product Name	ASP4132, Inhibitor
Full Product Name	ASP4132
Product Gene Name	ASP4132, inhibitor
Form/Format	Solid. Powder
Purity/Purification	99.26%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	937.06
Solubility	DMSO: 230mg/mL (245.45mM) Need ultrasonic Methanol: 8.33mg/mL (8.89mM) Need ultrasonic (<1mg/ml refers to the product slightly soluble or insoluble)
Formula	C46H51F3N6O8S2
SMILES	CC1=CC=C(C=C1)S(O)(=O)=O.CC1=CC=C(C=C1)S(O)(=O)=O.COC1=CC=C(CN2CCC(CC2)C2=CC=C3N=C(NC3=C2)C(=O)N2CCN(CC3=CC=C(C
CAS Number	1640294-30-9
Target & IC50	AMPK: ic50 18nM (EC50)
Product Categories/Family for ASP4132, inhibitor	PI3K/Akt/mTOR signaling; AMPK
Related Product Information for ASP4132, inhibitor	ASP4132 is an orally active AMPK activator (EC50 : 18nM), has anti-cancer activity.
Product References and Citations for ASP4132, inhibitor	Kazuyuki Kuramoto, Yuki Sawada, Tomohiro Yamada,et al.Novel Indirect AMP-Activated Protein Kinase Activators: Identification of a Second-Generati with Improved Physicochemical Properties and Reduced hERG Inhibitory Activity.Chem Pharm Bull (Tokyo). 2020;68(5):452-465. Kazuyuki Kuramoto, Yuki Sawada, Tomohiro Yamada,et al.Novel Indirect AMP-Activated Protein Kinase Activators: Identification of a Second-Generati with Improved Physicochemical Properties and Reduced hERG Inhibitory Activity.Chem Pharm Bull (Tokyo). 2020;68(5):452-465. Kazuyuki Kuramoto, et al. Development of a Potent and Orally Active Activator of Adenosine Monophosphate-Activated Protein Kinase (AMPK), ASP41 Candidate for the treatment,of Human Cancer. Bioorg Med Chem. 2020 Mar 1;28(5):115307. Kazuyuki Kuramoto, et al. Development of a Potent and Orally Active Activator of Adenosine Monophosphate-Activated Protein Kinase (AMPK), ASP41 Candidate for the treatment,of Human Cancer. Bioorg Med Chem. 2020 Mar 1;28(5):115307.
Other Notes	Small volumes of ASP4132, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa 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 ma
Searchable Terms for ASP4132 purchase	MBS5759230 is an inhibitor targeting ASP4132.



Structure of ASP4132, 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/asp4132/5759230