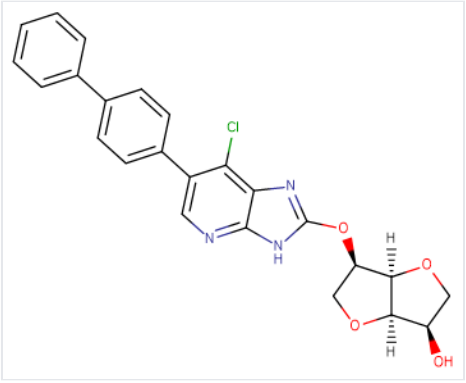
MK-8722

PRODUCT OVERVIEW

Product Name	MK-8722, Biochemical
Full Product Name	MK-8722
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	449.891
Suitability	DMSO: >=62.5mg/mL (138.92mM)
Target	AMPK
Receptor	AMPK
Chemical Name	(3R, 3aR, 6R, 6aR)-6-((6-([1, 1'-biphenyl]-4-yl)-7-chloro-3H-imidazo[4, 5-b]pyridin-2-yl)oxy)hexahydrofuro[3, 2-b]furan-3-ol
SMILES	ClC1=C2C(NC(O[C@@H]3CO[C@@]4([H])[C@]3([H])OC[C@H]4O)=N2)=NC=C1C5=CC=C(C6=CC=CC=C6)C=C5
Molecular Formula	C24H20ClN3O4
CAS Number	1394371-71-1
Product Categories/Family for MK-8722 biochemical	Membrane Transporter/Ion Channel; Metabolic Disease
Related Product Information for MK-8722 biochemical	A potent, selective, allosteric pan-AMPK activator with EC50 of 1-60 nM for all 12 mammalian AMPK isoforms.
Product References and Citations for MK-8722 biochemical	1. Myers RW, et al. Science. 2017 Aug 4; 357 (6350):507-511. 2. Danqing Feng, et al. ACS Med. Chem. Lett. DOI: 10.1021/acsmedchemlett.7b00417
Other Notes	Small volumes of MK-8722 biochemical 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 MK-8722 purchase	MBS3601645 is a biochemical targeting MK-8722.



Structure of MK-8722 biochemical

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

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Online datasheet: https://www.mybiosource.com/biochemical/mk-8722/3601645