AUT1

PRODUCT OVERVIEW

Product Name	AUT1, Biochemical
Full Product Name	AUT1
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	341.37
Suitability	DMSO: >=250mg/mL (732.36mM)
Target	Potassium Channel
Receptor	Kv3.1b channels; Kv3.2a channels
Chemical Name	(5R)-5-Ethyl-3-(6-{[4-methyl-3-(methyloxy)phenyl]oxy}-3-pyridinyl)-24-imidazolidinedione
SMILES	CC[C@H]1NC(=O)N(C1=O)c1ccc(Oc2ccc(C)c(OC)c2)nc1
Molecular Formula	C18H19N3O4
CAS Number	1311136-84-1
Product Categories/Family for AUT1 biochemical	Cell Cycle/DNA Damage
Related Product Information for AUT1 biochemical	AUT1 (AUT-1) is a novel specific modulator of Kv3 channels (EC50: 4.7 and 4.9 uM for Kv3.1b and Kv3.2a).
Product References and Citations for AUT1 biochemical	1.Rosato-Siri MD et al. A Novel Modulator of Kv3 Potassium Channels Regulates the Firing of Parvalbumin-Positive Cortical Interneurons. J Pharmacol Exp Ther. 2015 Sep; 354 (3):251-60.
Other Notes	Small volumes of AUT1 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 AUT1 purchase	MBS3609944 is a biochemical targeting AUT1.

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/biochemical/aut1/3609944