

OSK-1 biochemical

OSK-1

CATALOG #
AAA227948

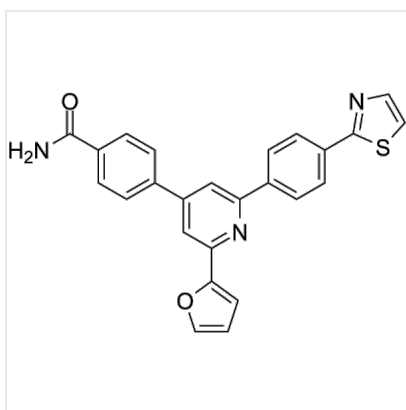
PRODUCT SYNONYMS

OSK-1; OSK-1 biochemical

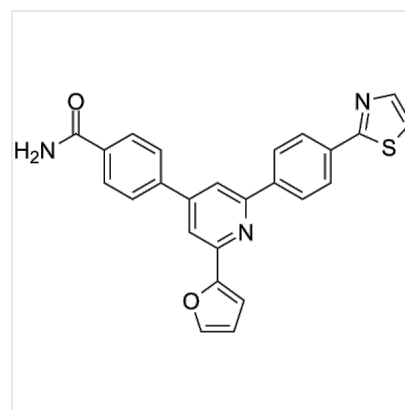
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	183815-75-0
Targets&IC50	Kv1.2:5.4 nM (IC50), KCa3.1:225 nM (IC50), Kv1.1:0.6 nM (IC50), Kv1.3:0.014 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	OSK1 is lethal in mice by intracerebroventricular injection, with a LD 50 (50% lethal dose) value of 2 ug/kg[1].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
MYC-IN-2, CAS 2244979-61-9



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ADDITIONAL INFORMATION

Related Product Information for OSK-1 biochemical	OSK-1 is a potent K v channel blocker with IC 50 s of 0.6 nM, 5.4 nM, 0.014 nM for K v 1.1, K v 1.2 and K v 1.3, respectively. OSK1 is a moderate blocker of Ca 2+ -activated K Ca 3.1 channel with an IC 50 of 225 nM. OSK-1 belongs to alpha-KTx3 toxins and is used as an immunosuppressive drug.
References	1. Jacob NT, et al. Synthetic molecules for disruption of the MYC protein-protein interface. Bioorg Med Chem. 2018;26(14):4234-4239.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.