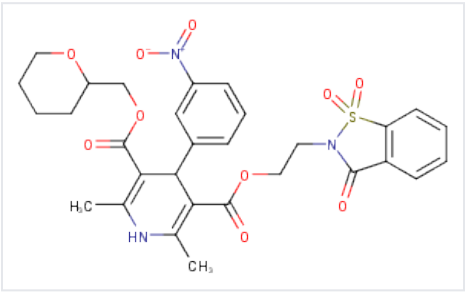
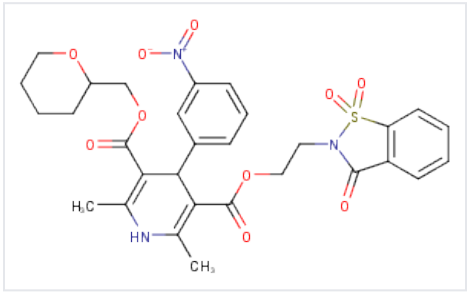
PCA50941 Inhibitor

PRODUCT OVERVIEW

Product Name	PCA50941, Inhibitor
Full Product Name	PCA50941
Product Gene Name	PCA50941, inhibitor
Purity/Purification	98%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	625.65
SMILES	CC1=C(C(C(C(=O)OCC2CCCCO2)=C(C)N1)c1cccc(c1)[N+]([O-])=O)C(=O)OCCN1C(=O)c2ccccc2S1(=O)=O
Formula	C30H31N3O10S
CAS Number	136941-85-0
Target	Others
Solubility	(<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	PCA50941 potentiated the release of catecholamines from perfused bovine adrenal glands evoked by 30 s pulses of 17.7 mM K+ in a manner dependent on the [Ca2+]o. Thus at 1, 2.5, 5 and 10 mM Ca2+, secretion was 2.3-, 3.8-, 5- and 4-fold greater than in control glands. Bay K 8644 enhanced the K(+)-induced response 3- and 9-fold at [Ca2+]o of 0.25 or 0.5 mM, respectively; at higher [Ca2+]o the potentiation was similar to that of PCA50941[1].
Product Categories/Family for PCA50941, inhibitor	Others
Related Product Information for PCA50941, inhibitor	PCA50941 is a 1, 4-dihydropyridine derivative, treatment for cardiovascular disease.
Product References and Citations for PCA50941, inhibitor	1 Montie C e al Interaction betwee Ca2+ PCA5094 an Ba 864 i bovin chromaffi cells Eu Pharmacol 199 Au 16 68(3):293-303. 2 Fernánde N e al PCA50941 ne 1,4-dihydropyridine reverse endothelin-induce cardiogeni shoc i th anesthetize goat Lif Sci 1998 2(21):1933-42.
Other Notes	Small volumes of PCA50941, 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 PCA50941 purchase	MBS5768123 is an inhibitor targeting PCA50941.



Structure of PCA50941, inhibitor
PCA50941, CAS 136941-85-0



Structure of PCA50941, inhibitor
PCA50941, CAS 136941-85-0

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/pca50941/5768123