

UK-240455

Catalog No: tcsc0015492



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg



Specifications

CAS No:

178908-09-3

Formula:

$C_{11}H_{11}Cl_2N_3O_5S$

Pathway:

Membrane Transporter/Ion Channel;Neuronal Signaling

Target:

iGluR;iGluR

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

368.19

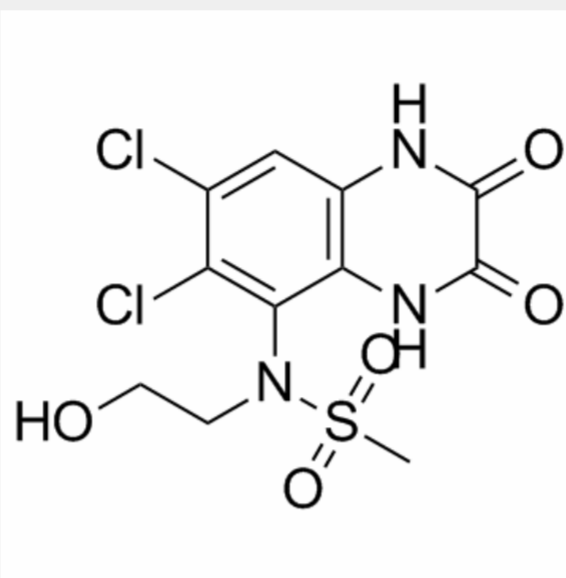
Product Description

UK-240455 is a potent and selective N-methyl D-aspartate (**NMDA**) glycine site antagonist.

IC50 & Target: NMDA^[1]

In Vivo:

UK-240455 is a potent and selective N-methyl D-aspartate (NMDA) glycine site antagonist. Following i.v. administration of UK-240455 to male rats, UK-240455 has a clearance of 12 mL/min/kg and a volume of distribution of 0.4 L/kg. The plasma concentration of UK-240455 decreases with an apparent half-life of 0.4 h. Analysis of urine (0 to 24 h) for unchanged UK-240455 indicates that 57% of the dose administered is excreted unchanged in the urine. The urinary clearance of UK-240455 in the rat is therefore 7 mL/min/kg. Following oral administration of UK-240455 to male rats, the apparent elimination half-life of UK-240455 from plasma following oral administration is 1.6 h^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!