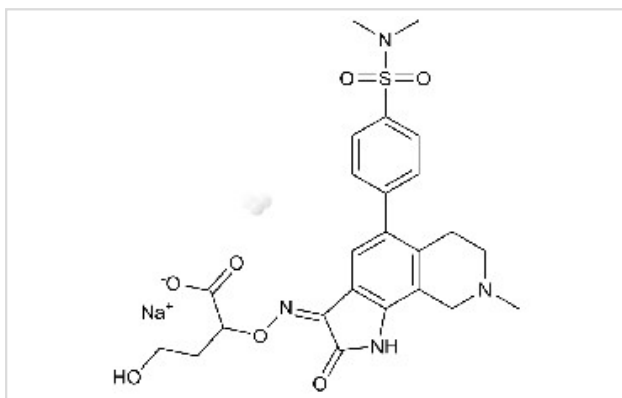


## Description

Product Name	NS 1209
Brief Description	Inhibitors
Purification	98.00%
Target Name	AMPA receptor antagonist
Calculated MW	538.55
Formulation	C <sub>24</sub> H <sub>27</sub> N <sub>4</sub> NaO <sub>7</sub> S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Nervous

system SMILES: CN1CCCC2=C(C1)C3=NC(=O)C(=C3C=C2C4=CC=C(C=C4)S(=O)(=O)N(C)C)NOC(CCO)C(=O)[O-].[Na+] Pathways: Neuroscience  
 Receptor: AMPA receptor  
 Boiling pt: Melting pt: Solubility: DMSO: Limited soluble  
 Appearance: Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

- Langer M., et al. Therapeutic window of opportunity for the neuroprotective effect of valproate versus the competitive AMPA receptor antagonist NS1209 following status epilepticus in rats. *Neuropharmacology*. 2011 Oct-Nov;61(5-6):1033-47.

Note: This product is for in vitro research use only