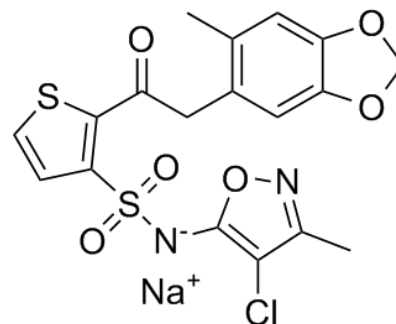


**Product Name** : Sitaxsentan sodium  
**Cat. No.** : PC-42811  
**CAS No.** : 210421-74-2  
**Molecular Formula** : C<sub>18</sub>H<sub>14</sub>ClN<sub>2</sub>NaO<sub>6</sub>S<sub>2</sub>  
**Molecular Weight** : 476.8863  
**Target** : Endothelin Receptor  
**Solubility** : 10 mM in DMSO



### Biological Activity

A potent, long acting, orally active, selective ETA receptor antagonist that binds competitively to human ETA receptor with Ki of 0.43 nM, IC50 of 1.4 nM; displays >5,000-fold selectivity over ETB receptors; inhibits ET1-induced stimulation of phosphoinositide turnover with Ki of 0.686 nM, and pA2 of 8.0; excellent PK profile and oral bioavailability.

Hypertension

Withdrawn

### References

Wu C, et al. J Med Chem. 1997 May 23;40(11):1690-7.

Wanebo JE, et al. Neurosurgery. 1998 Dec;43(6):1409-17; discussion 1417-8.

Tilton RG, et al. Pulm Pharmacol Ther. 2000;13(2):87-97.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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