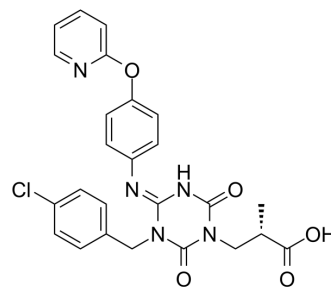


## Sivopixant

Cat. No.:	HY-137451
CAS No.:	2414285-40-6
Molecular Formula:	C <sub>25</sub> H <sub>22</sub> ClN <sub>5</sub> O <sub>5</sub>
Molecular Weight:	507.93
Target:	P2X Receptor
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Sivopixant (S-600918) is a potent and selective P2X3 receptor antagonist (P2X3 IC <sub>50</sub> =4.2 nM; P2X2/3 IC <sub>50</sub> =1100 nM). Sivopixant shows strong analgesic effect <sup>[1]</sup> .
In Vivo	Sivopixant (S-600918) (i.v.; 1 mg/kg) shows a longer half-life (T <sub>1/2</sub> = 10.1 hours) and a strong analgesic effect in the rat Seltzer model of allodynia (ED <sub>50</sub> =0.4 mg/kg) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Kai H, et al. Discovery of clinical candidate Sivopixant (S-600918): Lead optimization of dioxotriazine derivatives as selective P2X3 receptor antagonists [published online ahead of print, 2021 Sep 26]. *Bioorg Med Chem Lett.* 2021;52:128384.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA