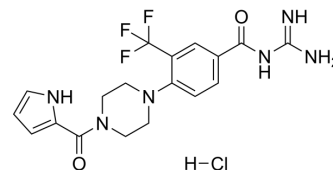


## Sabiporide hydrochloride

Cat. No.:	HY-122525A
CAS No.:	324758-66-9
Molecular Formula:	C <sub>18</sub> H <sub>20</sub> ClF <sub>3</sub> N <sub>6</sub> O <sub>2</sub>
Molecular Weight:	444.84
Target:	Na <sup>+</sup> /H <sup>+</sup> Exchanger (NHE)
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Sabiporide hydrochloride is a NHE-1 inhibitor (K<sub>i</sub>: 50 nM). Sabiporide hydrochloride has cardioprotective and neuroprotective effects. Sabiporide hydrochloride inhibits glutamate- or NMDA-induced neuronal cell death<sup>[1][2]</sup>.

### REFERENCES

[1]. Touret N, et al. Characterization of sabiporide, a new specific NHE-1 inhibitor exhibiting slow dissociation kinetics and cardioprotective effects. *Eur J Pharmacol.* 2003 Jan 17;459(2-3):151-8.

[2]. Park HS, et al. Effects of sabiporide, a specific Na<sup>+</sup>/H<sup>+</sup> exchanger inhibitor, on neuronal cell death and brain ischemia. *Brain Res.* 2005 Nov 2;1061(1):67-71.

**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