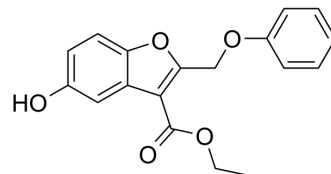


## T16A(inh)-C01

Cat. No.:	HY-118170		
CAS No.:	171506-87-9		
Molecular Formula:	C <sub>18</sub> H <sub>16</sub> O <sub>5</sub>		
Molecular Weight:	312.32		
Target:	Chloride Channel		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	T16A(inh)-C01 is an inhibitor of TMEM16A (ANO1). T16A(inh)-C01 blocks chloride channel mediated by ANO1 with an IC <sub>50</sub> of 8.4 μM, without interfering with calcium signaling <sup>[1]</sup> .
IC <sub>50</sub> & Target	Target: Chloride Channel <sup>[1]</sup>

### REFERENCES

[1]. Namkung W, et al. TMEM16A inhibitors reveal TMEM16A as a minor component of calcium-activated chloride channel conductance in airway and intestinal epithelial cells. *J Biol Chem.* 2011 Jan 21. 286(3):2365-74.

**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