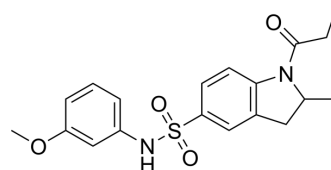


## VU625

Cat. No.:	HY-114633
CAS No.:	901008-62-6
Molecular Formula:	C <sub>19</sub> H <sub>22</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	374.45
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

VU625 is an inhibitor for potassium channel, that selectively inhibits mosquito *Aedes aegypti* inward rectifier potassium channel 1 (AeKir), with IC<sub>50</sub> of 96.8 nM in HEK293 cell. VU625 can be used in development of insecticide<sup>[1]</sup>.

## REFERENCES

[1]. Raphemot R, et al., Discovery and characterization of a potent and selective inhibitor of *Aedes aegypti* inward rectifier potassium channels. PLoS One. 2014 Nov 6;9(11):e110772.

**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