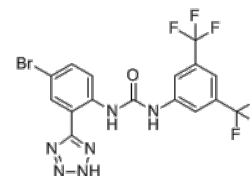


**Product Name** : Endovion  
**Cat. No.** : PC-38096  
**CAS No.** : 265646-85-3  
**Molecular Formula** : C<sub>16</sub>H<sub>9</sub>BrF<sub>6</sub>N<sub>6</sub>O  
**Molecular Weight** : 495.18  
**Target** : Chloride Channel  
**Solubility** : 10 mM in DMSO



## Biological Activity

Endovion (Emidurdar, NS3728) is a volume-regulated anion channel (**VRAC**) blocker with IC<sub>50</sub> of 460 nM.

NS3728 blocks red blood cell chloride conductance (IC<sub>50</sub> = 0.6 μM).

NS 3728 also inhibits Ca<sup>2+</sup>-activated Cl<sup>-</sup> current (CaCC) by anoctamin (ANO) in an apparently voltage-dependent manner (IC<sub>50</sub> against ANO1 = 2.1 and 0.7 μM at -95 and +50 mV, respectively).

## References

Klausen TK, et al. J Cell Physiol. 2007 Mar;210(3):831-42.

Schneider L, et al. Pflugers Arch. 2008 Mar;455(6):1055-62.

Kjaer K, et al. Brain Res. 2009 Jul 24;1281:15-24.

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

E-mail: tech@probechem.com