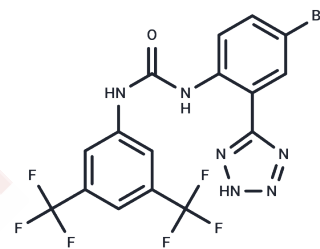


## Endovion

## Chemical Properties

CAS No. :	265646-85-3
Formula:	C <sub>16</sub> H <sub>9</sub> BrF <sub>6</sub> N <sub>6</sub> O
Molecular Weight:	495.18
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Endovion (NS3728) is a pharmacological anion channel and an Anoctamin-1 (ANO 1) channel inhibitor. Endovion is also the specific VRAC/VSOAC blocker.
Targets(IC50)	Chloride channel

## Solubility Information

Solubility	H <sub>2</sub> O: < 0.1 mg/mL (insoluble), DMSO: 120 mg/mL (242.34 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL (6.66 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0195 mL	10.0973 mL	20.1947 mL
5 mM	0.4039 mL	2.0195 mL	4.0389 mL
10 mM	0.2019 mL	1.0097 mL	2.0195 mL
50 mM	0.0404 mL	0.2019 mL	0.4039 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Sørensen BH, et al. Downregulation of LRR8A protects human ovarian and alveolar carcinoma cells against CDDP-induced expression of p53, MDM2, p21Waf1/Cip1, and Caspase-9/-3 activation. *Am J Physiol Cell Physiol*. 2016 Jun 1;310(11):C857-73.

Sauter DR, et al. ANO1 (TMEM16A) in pancreatic ductal adenocarcinoma (PDAC). *Pflugers Arch*. 2015 Jul;467(7):1495-1508.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481