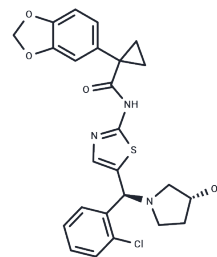


VRT-534

## Chemical Properties

CAS No. : 926664-32-6  
 Formula: C<sub>25</sub>H<sub>24</sub>ClN<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 497.99  
 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	VRT-534 is a compound that selectively targets connexin 26 (Cx26), demonstrating dose-responsive binding to both wild-type (WT) Cx26 and the mutant Cx26 K188N, with EC <sub>50</sub> values of 19 μM and 5 μM, respectively. It has potential applications in research concerning hearing impairment [1].
Targets(IC <sub>50</sub> )	Others, Gap Junction Protein
In vitro	VRT-534 (Compound 3) at a concentration of 50 nM and after 24 hours of treatment can restore the vitality of HeLa cells [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0081 mL	10.0404 mL	20.0807 mL
5 mM	0.4016 mL	2.0081 mL	4.0161 mL
10 mM	0.2008 mL	1.004 mL	2.0081 mL
50 mM	0.0402 mL	0.2008 mL	0.4016 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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