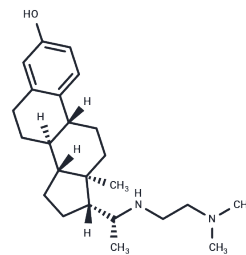


## RU1968 bis-TFA salt

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 171336-24-6   |
| Formula:          | C <sub>24</sub> H <sub>38</sub> N <sub>2</sub> O  |
| Molecular Weight: | 370.57  |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |  |
|---------------|--|
| Description   | RU1968 bis-TFA salt is an inhibitor of the sperm-specific Ca <sup>2+</sup> channel CatSper, thereby inhibiting human Slo3 with about 15-fold lower potency than CatSper. |
| Targets(IC50) | Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.6985 mL | 13.4927 mL | 26.9855 mL |
| 5 mM  | 0.5397 mL | 2.6985 mL  | 5.3971 mL  |
| 10 mM | 0.2699 mL | 1.3493 mL  | 2.6985 mL  |
| 50 mM | 0.054 mL  | 0.2699 mL  | 0.5397 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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