

25(S)Ruscogenin 3-O- $\alpha$ -L-rhamnopyranoside

## Chemical Properties

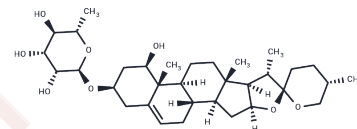
CAS No. : 1869126-66-8

Formula: C<sub>33</sub>H<sub>52</sub>O<sub>8</sub>

Molecular Weight: 576.76

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	25(S)Ruscogenin 3-O- $\alpha$ -L-rhamnopyranoside, derived from the fibrous roots of <i>Ophiopogon japonicus</i> and <i>Liriope spicata</i> var. <i>prolifera</i> , demonstrates anti-inflammatory properties. It effectively inhibits neutrophil responses to PMA, achieving an IC <sub>50</sub> of 1.13 $\mu$ M.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7338 mL	8.6691 mL	17.3382 mL
5 mM	0.3468 mL	1.7338 mL	3.4676 mL
10 mM	0.1734 mL	0.8669 mL	1.7338 mL
50 mM	0.0347 mL	0.1734 mL	0.3468 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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