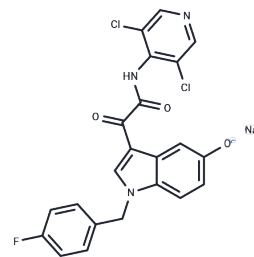


## AWD12-281 sodium

## Chemical Properties

CAS No. :	247584-21-0
Formula:	C <sub>22</sub> H <sub>13</sub> Cl <sub>2</sub> FN <sub>3</sub> NaO <sub>3</sub>
Molecular Weight:	480.25
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	AWD 12-281 is a selective phosphodiesterase 4 (PDE4) inhibitor for the treatment of lung inflammation using inhalative administration. AWD 12-281 Is Active in a New Guinea-Pig Model of Allergic Skin Inflammation Predictive of Human Skin Penetration and Suppresses Both Th1 and Th2 Cytokines in Mice. AWD 12-281 is a very promising drug candidate not only for the treatment of lung inflammation using inhalative administration but also for the treatment of atopic dermatitis.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0822 mL	10.4112 mL	20.8225 mL
5 mM	0.4164 mL	2.0822 mL	4.1645 mL
10 mM	0.2082 mL	1.0411 mL	2.0822 mL
50 mM	0.0416 mL	0.2082 mL	0.4164 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

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

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