

ARN 11391

## Chemical Properties

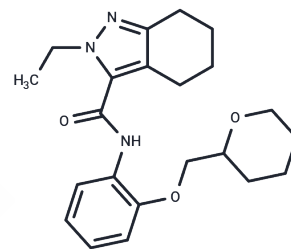
CAS No. : 1214569-31-9

Formula: C<sub>22</sub>H<sub>29</sub>N<sub>3</sub>O<sub>3</sub>

Molecular Weight: 383.49

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	ARN 11391 enhances the function of the IP <sub>3</sub> -gated calcium channel ITPR1 (Inositol 1,4,5-trisphosphate (IP <sub>3</sub> ) receptor type 1), boosting intracellular calcium ion signaling by directly targeting ITPR1. Furthermore, ARN 11391 amplifies calcium signaling in cells with mutant ITPR1 linked to SCA29, a variant of spinocerebellar ataxia.
Targets(IC <sub>50</sub> )	Others,Chloride channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6076 mL	13.0381 mL	26.0763 mL
5 mM	0.5215 mL	2.6076 mL	5.2153 mL
10 mM	0.2608 mL	1.3038 mL	2.6076 mL
50 mM	0.0522 mL	0.2608 mL	0.5215 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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