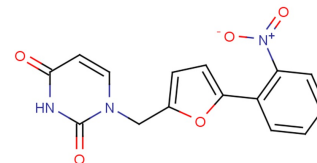


## Codon readthrough inducer 1

## Chemical Properties

CAS No.:	1338233-09-2
Formula:	C <sub>15</sub> H <sub>11</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	313.26
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	Codon readthrough inducer 1 contains pyrimidine bases and shows good readthrough activity.
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.192 mL	15.961 mL	31.922 mL
5 mM	0.638 mL	3.192 mL	6.384 mL
10 mM	0.319 mL	1.596 mL	3.192 mL
50 mM	0.064 mL	0.319 mL	0.638 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Jung ME, et al. Synthesis and evaluation of compounds that induce readthrough of premature termination codons. Bioorg Med Chem Lett. 2011 Oct 1;21(19):5842-8.

Inhibitors · Natural Compounds · Compound Libraries

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