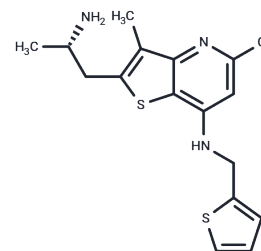


PTC258

Chemical Properties

CAS No. : 2476724-74-8
 Formula: C₁₆H₁₈ClN₃S₂
 Molecular Weight: 351.92
 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	PTC258 is a specific, orally active modulator of the splicing of the Elongator complex protein 1 gene (ELP1), enhancing its expression both in vitro and in vivo. Additionally, PTC258 has demonstrated good tolerability in a mouse model [1].
Targets(IC50)	Others,DNA/RNA Synthesis
In vivo	PTC258 (administered orally at doses of 3-24 mg/kg once daily for three months) demonstrates good tolerability. It effectively amends the splicing of the ELP1 transcript and substantially enhances the levels of the resultant functional protein across various tissues, brain included, in a mouse model [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8416 mL	14.2078 mL	28.4155 mL
5 mM	0.5683 mL	2.8416 mL	5.6831 mL
10 mM	0.2842 mL	1.4208 mL	2.8416 mL
50 mM	0.0568 mL	0.2842 mL	0.5683 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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