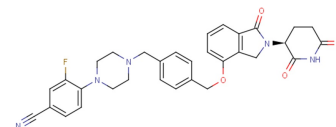


CC-92480

## Chemical Properties

CAS No.:	2259648-80-9
Formula:	C <sub>32</sub> H <sub>30</sub> FN <sub>5</sub> O <sub>4</sub>
Molecular Weight:	567.61
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	CC-92480 is a cereblon E3 ubiquitin ligase modulating drug (CELMoD) with potent antimyeloma activity.
Targets(IC <sub>50</sub> )	E1/E2/E3 Enzyme: None Others: None
In vitro	CC-92480-induced loss of Aiolos and Ikaros in cultures of PBMCs resulted in the activation of T cells and increased production of IL-2 and IFN-γ. It exerts single-agent induction of apoptosis and exhibits remarkable synergy with NSC 34521. CC-92480 is effective in CC-4047, CC-5013, and CC-220-resistant cell lines.

## Solubility Information

Solubility	DMSO: 5 mg/mL (8.81 mM) ( < 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.762 mL	8.809 mL	17.618 mL
5 mM	0.352 mL	1.762 mL	3.524 mL
10 mM	0.176 mL	0.881 mL	1.762 mL
50 mM	0.035 mL	0.176 mL	0.352 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. Nooka AK, et al. Mechanism of Action and Novel IMiD-Based Compounds and Combinations in Multiple Myeloma. Cancer J. 2019 Jan/Feb;25(1):19-31.

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