

CEP-40125

## Chemical Properties

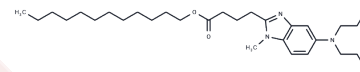
CAS No. : 1456608-94-8

Formula: C<sub>28</sub>H<sub>45</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 526.58

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	CEP-40125 (RXDX-107) is a DNA alkylating agent used for researching advanced solid tumors.
Targets(IC50)	Apoptosis, DNA Alkylation

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.899 mL	9.4952 mL	18.9905 mL
5 mM	0.3798 mL	1.899 mL	3.7981 mL
10 mM	0.1899 mL	0.9495 mL	1.899 mL
50 mM	0.038 mL	0.1899 mL	0.3798 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.

## Reference

Dubbelman AC, et al. Pharmacokinetics and excretion of <sup>14</sup>C-bendamustine in patients with relapsed or refractory malignancy. *Drugs R D*. 2013 Mar;13(1):17-28.

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