

Bendamustine-D4

Chemical Properties

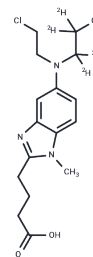
CAS No. :

Formula: C₁₆H₁₇D₄Cl₂N₃O₂

Molecular Weight: 362.29

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

Bendamustine-D4 is the deuterium-labeled Bendamustine. Bendamustine is a DNA cross-linking compound with alkylating and antimetabolite properties. Bendamustine causes DNA breaks.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7602 mL	13.8011 mL	27.6022 mL
5 mM	0.552 mL	2.7602 mL	5.5204 mL
10 mM	0.276 mL	1.3801 mL	2.7602 mL
50 mM	0.0552 mL	0.276 mL	0.552 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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