
Product Data Sheet

Product Name: Bendamustine D4 (SDX-105 D4)

Cat. No.: GC34305

Chemical Properties

Cas. No.

SMILES O=C(O)CCCC1=NC2=CC(N(CCCl)C([2H])([2H])C([2H])([2H])Cl)=CC=C2N1CFormula C16H17D4Cl2N3O2 M.Wt 362.29

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

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

Caution: Product has not been fully validated for medical applications. For research use only.

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