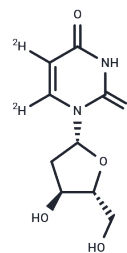


## 2'-Deoxyuridine-D2-1

## Chemical Properties

CAS No. :	40632-23-3
Formula:	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight:	230.21
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	2'-Deoxyuridine-D2-1 is the deuterated form of 2'-Deoxyuridine (T1721). It facilitates chromosomal breakage, thus reducing the synthesis activity of thymidylate, and serves as a precursor in the synthesis of Edoxudine.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3439 mL	21.7193 mL	43.4386 mL
5 mM	0.8688 mL	4.3439 mL	8.6877 mL
10 mM	0.4344 mL	2.1719 mL	4.3439 mL
50 mM	0.0869 mL	0.4344 mL	0.8688 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.

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