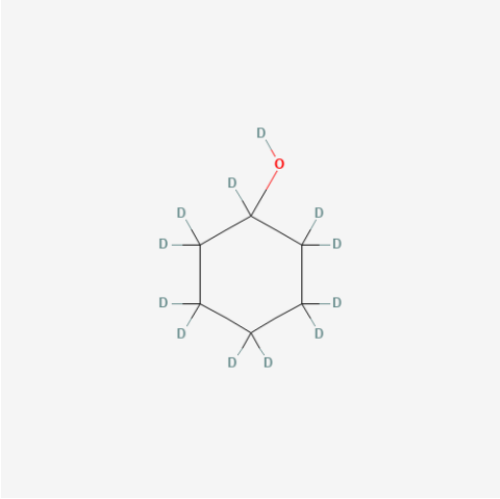
Product Data Sheet

Product Name: Cyclohexanol-d12
Cat. No.: GD06280

Chemical Properties

Cas. No.	66522-78-9		
Formula	C6D12O	M.Wt	112.233
Solubility		Storage	argon filling
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

1-Cyclohexanol-d12 is the deuterium labeled 1-Cyclohexanol[1].

Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of

drugs[1].

[1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.