Product Data Sheet

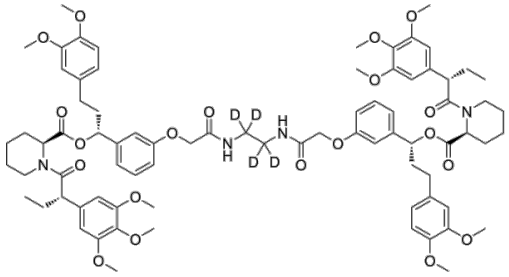
Product Name: Rimiducid-d 4
Cat. No.: GC79876

Chemical Properties

Cas. No.

Formula	$C_{78}H_{94}D_4N_4O_{20}$	M.Wt	1415.65
Solubility	DMSO: 100 mg/mL (70.64 mM; Need ultrasonic)	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



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

Rimiducid -d 4 (AP1903-d 4) is the deuterium labeled Rimiducid. Rimiducid (AP1903) is a dimerizer agent that acts by cross-linking the FKBP domains. Rimiducid (AP1903) dimerizes the Caspase 9 suicide switch and rapidly induces apoptosis.

In Vitro, 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.

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