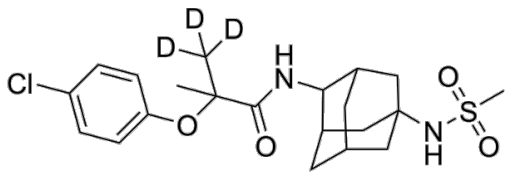
Product Data Sheet

Product Name: JNJ 303-d 3
Cat. No.: GC80471

Chemical Properties

Cas. No.			
Formula	$C_{21}H_{26}D_3ClN_2O_4S$	M.Wt	444
Solubility	DMSO: 50 mg/mL (112.61 mM; Need ultrasonic)	Storage	Store at -20°C, protect from light
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

JNJ 303 -d 3 is the deuterium labeled JNJ 303. JNJ-303 is a specific delayed rectifier Kv blocker. JNJ

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303 can potent block IKs with an IC_{50} value of 64 nM. JNJ-303 can be used for the research of diabetes, obesity and central nervous system.

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.

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