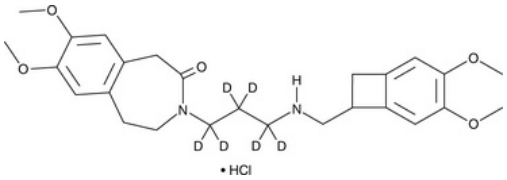
Product Data Sheet

Product Name: rac-N-desmethyl Ivabradine-d6 (hydrochloride)
Cat. No.: GC49291

Chemical Properties

Cas. No.	2804269-05-2		
SMILES	COC1=CC(CCN2C([2H])([2H])C([2H])([2H])C([2H])([2H])NC[C@@H]3C4=CC(OC)=C(C=C4C3)OC)=C(CC2=O)C=C1OC.Cl		
Formula	C26H28D6N2O5·HCl	M.Wt	497.1
Solubility	Methanol: soluble	Storage	-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

rac-N-desmethyl Ivabradine-d_6 is intended for use as an internal standard for the quantification of N-desmethyl ivabradine by GC- or LC-MS. N-desmethyl Ivabradine is an active metabolite of ivabradine .[1] Ivabradine is metabolized by the cytochrome P450 (CYP) isoform CYP3A4.

1.Rosa, G.M., Ferrero, S., Ghione, P., et al.An evaluation of the pharmacokinetics and pharmacodynamics of ivabradine for the treatment of heart failureExpert Opin. Drug Metab. Toxicol.10(2)279-291(2014)

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA