Product Data Sheet

Product Name: Tolmetin-d3
Cat. No.: GF01013

Chemical Properties

Cas. No.	1184998-16-0		
Formula	$C_{15}H_{12}D_3NO_3$	M.Wt	260.3
Solubility		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

Tolmetin-d3is the deuterium labeled Tolmetin. Tolmetin is an orally active and potentCOX inhibitorwith IC50s of 0.35 μM and 0.82 μM humanCOX-1andCOX-2, respectively. Tolmetin is a non-steroidal anti-inflammatory drug (NSAID)[1][2].

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

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