

Product Data Sheet

Product Name: Laquinimod-d5

Cat. No.: GC70633

Chemical Properties

Cas. No. 1214267-09-0

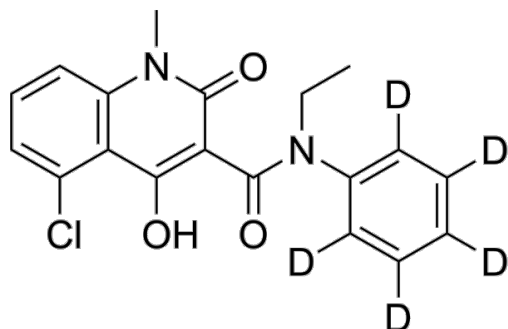
Formula $C_{19}H_{12}D_5ClN_2O_3$ M.Wt 361.83

Solubility DMSO : 100 mg/mL (276.37 mM); Storage -20°C
Need ultrasonic; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

Laquinimod-d5 (ABR-215062-d5) is deuterium labeled Laquinimod. Laquinimod (ABR-215062), an orally available carboxamide derivative, is a potent immunomodulator that prevents neurodegeneration and inflammation in the central nervous system. Laquinimod reduces astrocytic NF-κB activation to protect from Cuprizone-induced demyelination. Laquinimod has the potential for

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

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relapsing-remitting (RR) and chronic progressive (CP) forms of multiple sclerosis (MS; RRMS or CPMS) as well as neurodegenerative diseases research.

References:

[1]. Varrin-Doyer M, et al. Laquinimod, an up-and-coming immunomodulatory agent for treatment of multiple sclerosis. *Exp Neurol*. 2014 Dec;262 Pt A:66-71.

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