

Product Data Sheet

Product Name: ARN11391

Cat. No.: GC26494

Chemical Properties

Cas. No. 1214569-31-9

SMILES O=C(C1=C2C(CCCC2)=NN1CC)NC3=C(OCC4OCCCC4)C=CC=C3

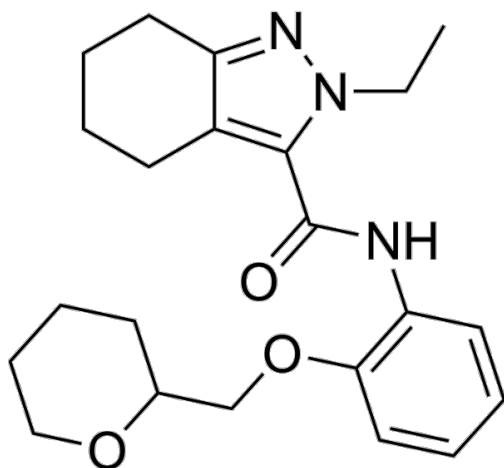
Formula $C_{22}H_{29}N_3O_3$ M.Wt 383.48

Solubility DMSO : 38.35 mg/mL (100.01 mM); Storage -20°C, sealed storage, away from moisture
Need ultrasonic and warming;
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

ARN 11391 is a selective enhancer of inositol triphosphate receptor type 1 (ITPR1). ARN 11391 can be used in the study of spinocerebellar ataxia^[1].

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

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References:

[1]. Genovese M, et al. Pharmacological potentiators of the calcium signaling cascade identified by high-throughput screening. PNAS Nexus. 2022 Dec 9;2(1):pgac288.

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