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## Product Data Sheet

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Product Name: Berotralstat

Cat. No.: GC62865

### Chemical Properties

Cas. No. 1809010-50-1

Formula C<sub>30</sub>H<sub>26</sub>F<sub>4</sub>N<sub>6</sub>O

M.Wt 562.56

Solubility DMSO : 100 mg/mL (177.76 mM; Need ultrasonic)

Storage

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

Berotralstat (BCX7353) is a low toxicity, effective, highly specific, second-generation, synthetic and orally active plasma kallikrein inhibitor used for the research of hereditary angioedema (HAE) attacks. Berotralstat works by blocking the enzymatic activity of plasma kallikrein in releasing bradykinin, the major biologic peptide that promotes swelling and pain associated with attacks of HAE[1][2].

[1]. Zuraw B, et al. Oral once-daily berotralstat for the prevention of hereditary angioedema attacks: A randomized, double-blind, placebo-controlled phase 3 trial [published online ahead of print, 2020 Oct 21]. J Allergy Clin Immunol. 2020;S0091-6749(20)31484-6.

[2]. Manning ME, et al. Berotralstat (BCX7353) is a novel oral prophylactic treatment for hereditary angioedema: Review of phase II and III studies. Allergy Asthma Proc. 2021;42(4):274-282.

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

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