
Product Data Sheet

Product Name: Cavosonstat

Cat. No.: GC63976

Chemical Properties

Cas. No. 1371587-51-7

Formula C₁₆H₁₀ClNO₃

M.Wt 299.71

Solubility DMSO : 50 mg/mL (166.83 mM; Need ultrasonic) Storage Store at -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

Cavosonstat (N91115) is an orally active S-nitrosogluthione reductase (GSNOR) inhibitor. Cavosonstat is a CFTR stabilizer, and can be used for cystic fibrosis research[1].

Cavosonstat (N91115), a CFTR modulator, promotes cystic fibrosis transmembrane conductance regulator (CFTR) maturation and plasma membrane stability, with a mechanism of action complementary to CFTR correctors and potentiators[1].

[1]. Scott H Donaldson, et al. Pharmacokinetics and safety of cavosonstat (N91115) in healthy and cystic fibrosis adults homozygous for F508DEL-CFTR. J Cyst Fibros. 2017 May;16(3):371-379.

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

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