
Product Data Sheet

Product Name: BPN-15477

Cat. No.: GC64420

Chemical Properties

Cas. No. 1971086-99-3

Formula C₁₂H₁₀CIN₅ M.Wt 259.69

Solubility 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**

BPN-15477 is a potent SMC (splicing modulator compound) that restores correct splicing of ELP1 (Elongator complex protein 1) exon 20. BPN-15477 corrects splicing of the ELP1 transcript, significantly increases the level of functional protein in vivo in all tissues, including brain. BPN-15477 can be used for frontotemporal dementia research[1].

[1]. Gao D, et al. A deep learning approach to identify gene targets of a therapeutic for human splicing disorders. Nat Commun. 2021 Jun 7;12(1):3332.

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

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