

Product Data Sheet

Product Name: ML372
Cat. No.: GC64666

Chemical Properties

Cas. No. 1331745-61-9

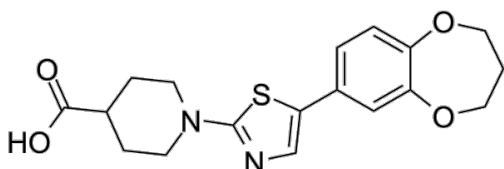
Formula C₁₈H₂₀N₂O₄S M.Wt 360.43

Solubility DMSO : 33.33 mg/mL (92.47 mM; ultrasonic and warming and heat to 60°C) 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

ML372 inhibits survival motor neuron (SMN) protein ubiquitination, increases SMN protein stability without affecting mRNA expression. ML372 improves spinal muscular atrophy (SMA) in mice. ML372 is brain penetrant and has a reasonable exposure and half-life in vivo[1].

[1]. Mahlet B Abera, et al. ML372 blocks SMN ubiquitination and improves spinal muscular atrophy pathology in mice. JCI Insight. 2016 Nov 17;1(19):e88427.

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

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