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## Product Data Sheet

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Product Name: RYL-552  
Cat. No.: GC64669

### Chemical Properties

Cas. No. 1801444-56-3

Formula C<sub>24</sub>H<sub>17</sub>F<sub>4</sub>N<sub>2</sub>O<sub>2</sub>

M.Wt 427.39

Solubility DMSO : 50 mg/mL (116.99 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

RYL-552, a mitochondrial electron transport chain (ETC) inhibitor, is a *P. falciparum* NADH dehydrogenase 2 (PfNDH2) inhibitor[1].

[1]. Kristin D Lane, et al. Selection of *Plasmodium falciparum* cytochrome B mutants by putative PfNDH2 inhibitors. *Proc Natl Acad Sci U S A*. 2018 Jun 12;115(24):6285-6290.

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

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