

## Product Data Sheet

Product Name: Ro-0335  
Cat. No.: GC62223

### Chemical Properties

Cas. No. 867365-76-2

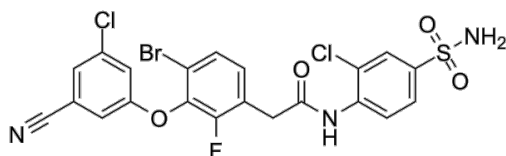
Formula  $C_{21}H_{13}BrCl_2FN_3O_4S$  M.Wt 573.22

Solubility DMSO : 250 mg/mL (436.13 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

RO-0335 is a novel and potent diphenylether nonnucleoside reverse transcriptase inhibitor (NNRTI). RO-0335 inhibits Wt HIV-1 with an IC<sub>50</sub> of 1.1 nM and retained activity (IC<sub>50</sub> < 100 nM) against 92% of a large number of NNRTI-resistant clinical isolates[1].

[1]. Javanbakht H, et al. In vitro resistance development for RO-0335, a novel diphenylether nonnucleoside reverse transcriptase inhibitor. Antiviral Res. 2010;86(2):212-219.

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

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