

## Product Data Sheet

Product Name: Lisaftoclax

Cat. No.: GC64467

### Chemical Properties

Cas. No. 2180923-05-9

Formula C<sub>45</sub>H<sub>48</sub>ClN<sub>7</sub>O<sub>8</sub>S

M.Wt 882.42

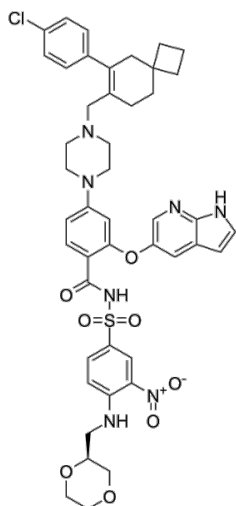
Solubility

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

Lisaftoclax (compound 6) is a dual Bcl-2 and Bcl-xl inhibitor with anti-tumor activity, extracted from patent WO2018027097A1. Lisaftoclax exhibits IC<sub>50</sub> values of 2 nM and 5.9 nM for Bcl-2 and Bcl-xl, respectively[1].

Lisaftoclax (compound 6) exhibits IC<sub>50</sub> values of 5.5 nM and 6.4 nM in Bcl-2 dependent RS4;11 cells and Bcl-xl dependent Molm13 cells[1].

[1]. WANG, Chia, et al. N-(PHENYLSULFONYL)BENZAMIDES AND RELATED COMPOUNDS AS BCL-2 INHIBITORS. Patent. WO2018027097A1.

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

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