

## Product Data Sheet

Product Name: WEHI-9625

Cat. No.: GC62641

### Chemical Properties

Cas. No. 2595314-46-6

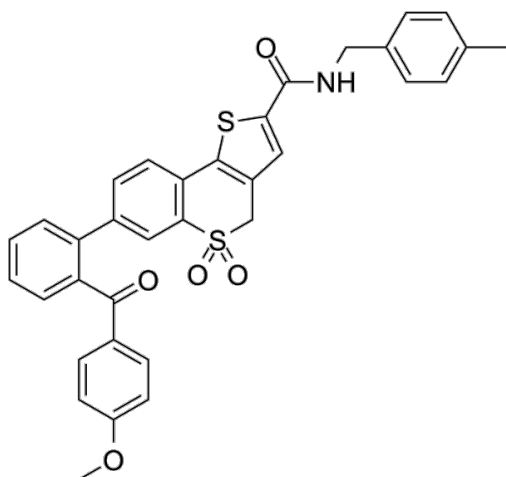
Formula  $C_{34}H_{27}NO_5S_2$  M.Wt 593.71

Solubility DMSO : 100 mg/mL (168.43 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

WEHI-9625 is a tricyclic sulfone, first-in-class inhibitor of apoptosis with an EC<sub>50</sub> of 69 nM. WEHI-9625 binds to VDAC2 and promotes its ability to inhibit apoptosis driven by mouse BAK. WEHI-9625

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

## Product Data Sheet

---

is completely inactive against both human BAK and the closely related apoptosis effector BAX[1].

WEHI-9625 (0-10  $\mu$ M; Mcl1-/-Bax-/- MEFs cells) treatment could prevent cell death mediated by BAK and potently inhibits BIM BH3-induced loss of mitochondrial membrane potential in Bax-/-, but not Bak-/-, cells[1].

WEHI-9625 demonstrates that blocking apoptosis at an early stage was both advantageous and pharmacologically tractable[1].

[1]. van Delft MF, et al. A small molecule interacts with VDAC2 to block mouse BAK-driven apoptosis. Nat Chem Biol. 2019 Oct 7.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: [tech@glpbio.com](mailto:tech@glpbio.com)

Address: 10292 Central Ave. #205, Montclair, CA, USA