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**Product Data Sheet**

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Product Name: Thalidomide-NH-C4-NH2 TFA

Cat. No.: GC67508

**Chemical Properties**

Cas. No. 2093387-50-7

Formula C<sub>19</sub>H<sub>21</sub>F<sub>3</sub>N<sub>4</sub>O<sub>6</sub>

M.Wt

458.39

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**

Thalidomide-NH-C4-NH2 TFA (compound 29c) is an E3 ligase ligand-linker conjugate, and incorporates the Thalidomide based cereblon ligand and a linker. Thalidomide-NH-C4-NH2 TFA is used in PROTAC BRD2/BRD4 degrader-1 . PROTAC BRD2/BRD4 degrader-1 is a potent and selective BET protein BRD4 and BRD2 degrader<sup>[1]</sup>.

[1]. Jiang F, et al. Discovery of novel small molecule induced selective degradation of the bromodomain and extra-terminal (BET) bromodomain protein BRD4 and BRD2 with cellular potencies. *Bioorg Med Chem.* 2020 Jan 1;28(1):115181.

**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

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