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## Product Data Sheet

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Product Name: Thalidomide-piperazine hydrochloride

Cat. No.: GC64505

### Chemical Properties

Cas. No. 2228029-82-9

Formula C<sub>17</sub>H<sub>19</sub>ClN<sub>4</sub>O<sub>4</sub> M.Wt 378.81

Solubility Storage 4°C, away from moisture

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-piperazine hydrochloride has the potential for the research of leprosy and multiple myeloma. Thalidomide-piperazine hydrochloride used as a tool in developmental biology leads to important discoveries in the biochemical pathways of limb development[1].

[1]. Kim JH, et al. Thalidomide: the tragedy of birth defects and the effective treatment of disease [published correction appears in Toxicol Sci. 2012 Feb;125(2):613]. Toxicol Sci. 2011;122(1):1-6.

**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