

Product Data Sheet

Product Name: PG-11047 tetrahydrochloride

Cat. No.: GC74053

Chemical Properties

Cas. No. 206991-64-2

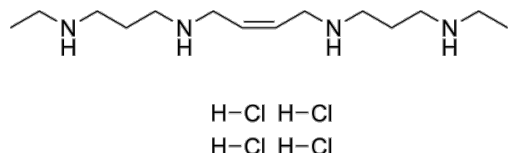
Formula $C_{14}H_{36}Cl_4N_4$ M.Wt 402.27

Solubility $H_2O : \geq 30 \text{ mg/mL (74.58 mM)}$ Storage -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

PG-11047 (CGC-11047), a polyamine analogue, is a nonfunctional competitor of the natural polyamine spermine. PG-11047 has broad spectrum anticancer activities.

References:

- [1]. Wen-Lin Kuo, et al. A systems analysis of the chemosensitivity of breast cancer cells to the polyamine analogue PG-11047. BMC Med. 2009 Dec 14;7:77.
- [2]. Murray Stewart T, et al. A Phase Ib multicenter, dose-escalation study of the polyamine analogue PG-11047 in combination with gemcitabine, docetaxel, bevacizumab, erlotinib, cisplatin, 5-

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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fluorouracil, or sunitinib in patients with advanced solid tumors or lymphoma. Cancer Chemother Pharmacol. 2021 Jan;87(1):135-144.

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