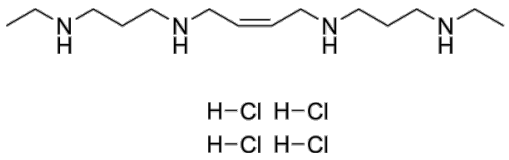
Product Data Sheet

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 : ≥ 30 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-

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