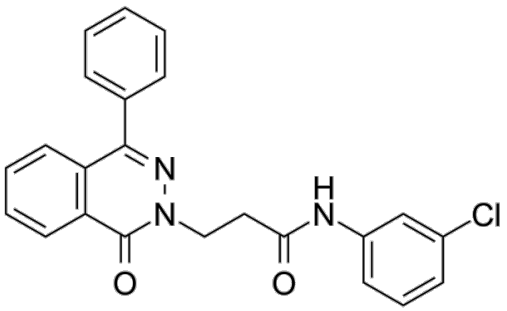
Product Data Sheet

Product Name: PARP1-IN-8
Cat. No.: GC64578

Chemical Properties

Cas. No.	836640-15-4		
Formula	C23H18ClN3O2	M.Wt	403.86
Solubility	DMSO : 62.5 mg/mL (154.76 mM; Need ultrasonic)	Storage	4°C, protect from light
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

PARP1-IN-8 (compound 11c) is a potent and BBB-penetrated PARP1 inhibitor, with an IC50 of 97 nM. PARP1-IN-8 shows significantly potent anti-proliferative activity against Human lung

adenocarcinoma epithelial cell line A549[1].

PARP1-IN-8 (compound 11c) (0-10 μM, 24-48 h) shows significantly potent anti-proliferative activity against A549 cells[1].

[1]. Almahli H, Hadchity E, Jaballah MY, Daher R, Ghabbour HA, Kabil MM, Al-Shakliah NS, Eldehna WM. Development of novel synthesized phthalazinone-based PARP-1 inhibitors with apoptosis inducing mechanism in lung cancer. Bioorg Chem. 2018 Apr;77:443-456.

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