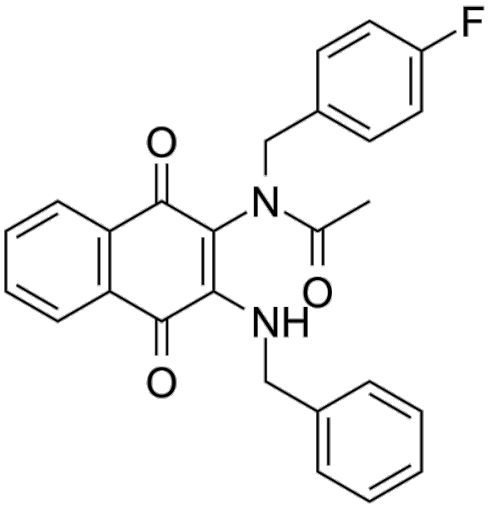
Product Data Sheet

Product Name: RIPGBM
Cat. No.: GC64995

Chemical Properties

Cas. No.	355406-76-7		
Formula	C26H21FN2O3	M.Wt	428.45
Solubility	DMSO : 33.33 mg/mL (77.79 mM; Need ultrasonic)	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

RIPGBM is a selective inducer of apoptosis in glioblastoma multiforme (GBM) cancer stem cells (CSCs) with an EC50 of ≤500 nM[1].

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

Product Data Sheet

RIPGBM induces caspase 1-dependent apoptosis by binding to receptor-interacting protein kinase 2 (RIPK2) and acting as a molecular switch, which reduces the formation of a prosurvival RIPK2/ TAK1 complex and increases the formation of a proapoptotic RIPK2/caspase 1 complex[1].

[1]. Lucki NC, et al. A cell type-selective apoptosis-inducing small molecule for the treatment of brain cancer. Proc Natl Acad Sci U S A. 2019 Mar 26;116(13):6435-6440.

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