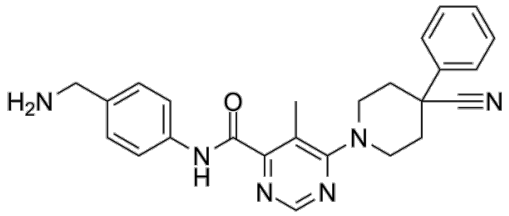
Product Data Sheet

Product Name: BI8622
Cat. No.: GC65305

Chemical Properties

Cas. No.	1875036-74-0		
Formula	C25H26N6O	M.Wt	426.51
Solubility	DMSO : 125 mg/mL (293.08 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

Product Data Sheet

BI8622 is a specific inhibitor of the ubiquitin ligase HUWE1 with an IC50 of 3.1 μM[1].

BI8622 induces HUWE1 ectopically expresses to abolish ubiquitination of MCL1 with an IC50 value of 6.8 μM in HeLa cells[1].BI8622 suppresses colony formation of Ls174T cells with estimated IC50 value of 8.4 μM[1].BI8622 (10 μM; 1-4 days) treatment retards passage of Ls174T cells through all phases of the cell cycle, with the effect being strongest for G1[1].BI8622 (0-50 μM; 16 hours) retards the degradation of MCL1 in response to UV irradiation by inhibiting HUWE1 in HeLa cells[1].BI8622 inhibits MYC-dependent transactivation in colorectal cancer cells[1].

[1]. Peter S, et al. Tumor cell-specific inhibition of MYC function using small molecule inhibitors of the HUWE1 ubiquitin ligase. EMBO Mol Med. 2014 Dec;6(12):1525-41.

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