

Product Data Sheet

Product Name: BI8622
Cat. No.: GC65305

Chemical Properties

Cas. No. 1875036-74-0

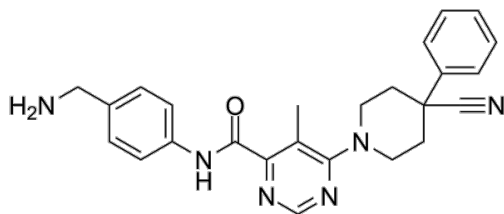
Formula C₂₅H₂₆N₆O M.Wt 426.51

Solubility DMSO : 125 mg/mL (293.08 mM; Storage Store at -20°C
Need ultrasonic)

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

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

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

BI8622 induces HUWE1 ectopically expresses to abolish ubiquitination of MCL1 with an IC₅₀ value of 6.8 μ M in HeLa cells[1].BI8622 suppresses colony formation of Ls174T cells with estimated IC₅₀ value of 8.4 μ M[1].BI8622 (10 μ M; 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 μ M; 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