

Product Data Sheet

Product Name: dBET23
Cat. No.: GC63445

Chemical Properties

Cas. No. 1957234-83-1

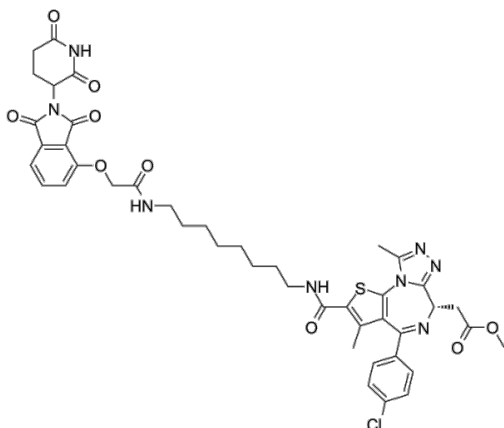
Formula $C_{43}H_{45}ClN_8O_9S$ M.Wt 885.38

Solubility DMSO : 170 mg/mL (192.01 mM; Need ultrasonic) Storage Store at -20°C, sealed storage, away from moisture and 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

dBET23 is a highly effective and selective PROTAC BRD4 degrader with a $DC_{50}/5h$ of ~ 50 nM for BRD4BD1 protein[1].

dBET23 occupies the canonical binding sites on CRBN and BRD4BD1 for thalidomide and JQ1, respectively[1].

[1]. Nowak RP, et al. Plasticity in binding confers selectivity in ligand-induced protein degradation. Nat Chem Biol. 2018;14(7):706-714.

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

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