
Product Data Sheet

Product Name: (+)-CBI-CDPI2

Cat. No.: GC34956

Chemical Properties

Cas. No. 128300-15-2

SMILES O=C(N1C2=CC=C3NC(C(N4C5=CC=C6NC(C(N7C[C@])(C8)([H])[C@]98C%10=CC=CC=C%10C(C=C79)=O)=O)=CC6=C5CC4)=O)=CC3=C2CC1)N

Formula $C_{36}H_{28}N_6O_4$ M.Wt 608.65

Solubility Soluble in DMSO 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 Evaluation sample solution : ship with blue ice All other available size: ship with Condition RT, or blue ice upon request.

Structure **Background**

(+)-CBI-CDPI2 is an enhanced functional analog of CC-1065. (+)-CBI-CDPI1 is a DNA alkylating agent. (+)-CBI-CDPI2 is an antibody drug conjugates (ADCs) toxin.

[1]. Boger DL, et al. Molecular basis for sequence selective DNA alkylation by (+)- and ent(-)-CC-1065 and related agents: alkylation site models that accommodate the offset AT-rich adenine N3 alkylation selectivity. Bioorg Med Chem. 1994 Feb;2(2):115-35.

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
