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**Product Data Sheet**


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Product Name: (+)-CBI-CDPI1

Cat. No.: GC34955

**Chemical Properties**

Cas. No. 128300-14-1

SMILES O=C(N1C2=CC=C3NC(C(N4C[C@](C5)([H])[C@]65C7=CC=CC=C7C(C=C46)=O)=O)=CC3=C2CC1)N

Formula	C <sub>25</sub> H <sub>20</sub> N <sub>4</sub> O <sub>3</sub>	M.Wt	424.45
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Solubility	Soluble in DMSO	Storage	Store at -20°C
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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**

(+)-CBI-CDPI1 is an enhanced functional analog of CC-1065. (+)-CBI-CDPI1 is a DNA alkylating agent. (+)-CBI-CDPI1 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.**

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