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## Product Data Sheet

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Product Name: SPDB-DM4

Cat. No.: GC32982

**Chemical Properties**

Cas. No. 1626359-62-3

SMILES C[C@]1([C@H](CC(N(C(C=C2C=C3OC)=C3Cl)C)=O)OC([C@H](C)N(C)C(CCC(C)(C)SSCCCC(ON(C4=O)C(CC4)=O)=O)=O)=O)[C@H]([C@@H]([C@](OC5=O)([H])C[C@]([C@](/C=C/C=C(C)/C2)([H])OC)(N5)O)C)O1

Formula C<sub>46</sub>H<sub>63</sub>ClN<sub>4</sub>O<sub>14</sub>S<sub>2</sub> M.Wt 995.59

Solubility Soluble in DMSO Storage -80°C, protect from light, stored under nitrogen

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**

SPDB-DM4 is a drug-linker conjugate for ADC by using the maytansinebased payload (DM4) via a SPDB linker, exhibiting potent anti-tumor activity.

[1]. Puja Sapra, et al. Investigational antibody drug conjugates for solid tumors. Journal Expert Opinion on Investigational Drugs Volume 20, 2011-Issue 8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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