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**Product Data Sheet**

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Product Name: Dapagliflozin impurity

Cat. No.: GC38174

**Chemical Properties**

Cas. No. 960404-86-8

SMILES O[C@]1(C2=CC=C(Cl)C(CC3=CC=C(OCC)C=C3)=C2)[C@@H]([C@H]([C@@H]([C@@H](CO)O1)O)O)OFormula C<sub>21</sub>H<sub>25</sub>ClO<sub>7</sub>

M.Wt 424.87

Solubility DMSO : 25 mg/mL (58.84 mM; Need ultrasonic) 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 Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Dapagliflozin impurity is an enantiomer of Dapagliflozin which is a sodium-glucose transporter 2 inhibitor[1].

[1]. Kasichayanula S, et al. Lack of pharmacokinetic interaction between dapagliflozin, a novel sodium-glucose transporter 2 inhibitor, and metformin, pioglitazone, glimepiride or sitagliptin in healthy subjects. Diabetes Obes Metab. 2011 Jan;13(1):47-54.

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

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