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**Product Data Sheet**


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Product Name: INT-777 R-enantiomer

Cat. No.: GC36319

**Chemical Properties**

Cas. No. 1198786-98-9

SMILES O[C@@H]1CC[C@@]2(C)[C@@]([C@@H](CC)[C@@H](O)[C@]3([H])[C@]2([H])C[C@H](O)[C@@]4(C)[C@@]3([H])CC[C@@H]4[C@H](C)C[C@@H](C)C(O)=O)([H])C1

Formula C<sub>27</sub>H<sub>46</sub>O<sub>5</sub> M.Wt 450.65

Solubility DMSO: ≥ 100 mg/mL (221.90 mM) 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**

INT-777 (R-enantiomer) is the R-enantiomer of INT-777, with EC<sub>50</sub> of 4.79 μM for TGR5, and less potent than INT-777.

INT-777 (R-enantiomer) is more choleric than CA (4), but less than INT-777[1].

[1]. Pellicciari R, et al. Discovery of 6α-ethyl-23(S)-methylcholic acid (S-EMCA, INT-777) as a potent and selective agonist for the TGR5 receptor, a novel target for diabetes. J Med Chem. 2009 Dec 24;52(24):7958-61.

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

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