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**Product Data Sheet**

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Product Name: Aganepag (AGN 210937)

Cat. No.: GC30572

**Chemical Properties**

Cas. No. 910562-18-4

SMILES O=C(C1=CC=C(CCC[C@@H](CC2)N(C3=CC=C([C@@H](O)CCCC)C=C3)C2=O)S1)OFormula C<sub>24</sub>H<sub>31</sub>NO<sub>4</sub>S M.Wt 429.57

Solubility DMSO : ≥ 45 mg/mL (104.76 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**

Aganepag is a potent Prostanoid EP2 receptor agonist, with an EC<sub>50</sub> of 0.19 nM, and shows no activity at EP4 receptor. Aganepag can be used in the research of wound healing, scar reduction, scar prevention and wrinkle treatment and prevention.

Aganepag (Compound 3) is a potent Prostanoid EP2 receptor agonist, with an EC<sub>50</sub> of 0.19 nM, and shows no activity at EP4. Aganepag can be used in the research of wound healing, scar reduction, scar prevention and wrinkle treatment and prevention[1].

[1]. Robert M. Burk, et al. Compounds and methods for skin repair. WO2014078434A1

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

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