
Product Data Sheet

Product Name: Tecarfarin sodium

Cat. No.: GC37750

Chemical Properties

Cas. No. 1004551-83-0

SMILES O=C1C(CC2=CC=C(C(OC(C(F)(F)F)(C)C(F)(F)F)=O)C=C2)=C(O[Na])C3=C(O1)C=CC=C3Formula $C_{21}H_{13}F_6NaO_5$ M.Wt 482.31

Solubility Soluble in DMSO 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**

Tecarfarin sodium (ATI-5923 sodium) is a novel orally active non-competitive vitamin K epoxide reductase (VKOR) antagonist, impairs the activation of the vitamin K-dependent clotting factors II, VII, IX and X[1]. Tecarfarin sodium has the antithrombotic activity, attenuates venous and arterial thrombus formation in animal models by reducing the levels of the vitamin K-dependent coagulation factors[2].

[1]. Hobl EL, et al. Tecarfarin: A Novel Vitamin K Antagonist. *Thromb Haemost.* 2017 Nov;117(11):2009-2011. [2]. Bowersox SS, et al. Antithrombotic activity of the novel oral anticoagulant, Tecarfarin [Sodium 3-[4-((1,1,1,3,3,3-hexafluoro-2-methylpropan-2-yloxy) carbonyl) benzyl]-2-oxo-2H-chromen-4-olate] in animal models. *Thromb Res.* 2010 Nov;126(5):e383-8.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
