
Product Data Sheet

Product Name: 4'-Trifluoromethyl-2-biphenyl carboxylic acid

Cat. No.: GC67727

Chemical Properties

Cas. No. 84392-17-6

Formula C₁₄H₉F₃O₂

M.Wt 266.22

Solubility DMSO : ≥ 250 mg/mL (939.07 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**

4'-Trifluoromethyl-2-biphenyl carboxylic acid is an orally active hypolipidemic agent^[1].

4'-Trifluoromethyl-2-biphenyl carboxylic acid (15-60 mg/kg, p.o., twice a day) shows hypolipidemic activity in diet-induced hypercholesterolemic African green monkeys^[1].

Animal Model: Diet-induced hypercholesterolemic African green monkeys^[5]

Dosage: 15-60 mg/kg

Administration: Oral administration (p.o.)

Result: Reduced serum LDL-cholesterol concentrations.

[1]. Lewis MC, et al. Evaluation of the hypolipidemic activity of xenalipin in experimental animals. *Atherosclerosis*. 1987 Mar;64(1):27-35.

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