

Product Data Sheet

Product Name: E4CPG
Cat. No.: GC13192

Chemical Properties

Cas. No. 170846-89-6

Chemical Name (S)-4-(1-amino-1-carboxypropyl)benzoic acid

SMILES OC([C@](CC)(C1=CC=C(C(O)=O)C=C1)N)=O

Formula $C_{11}H_{13}NO_4$ M.Wt 223.23

Solubility Soluble to 100 mM in 1.1eq. NaOH 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.

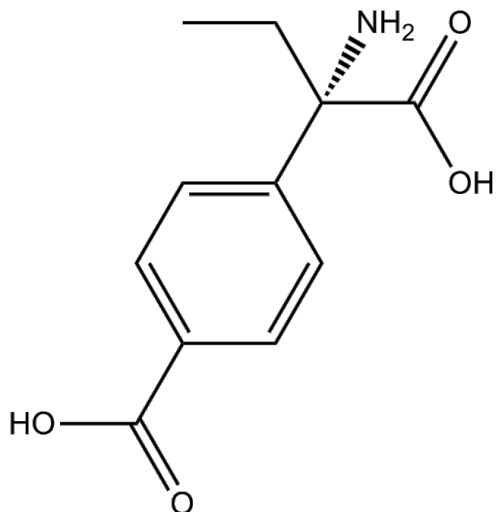
Caution: Product has not been fully validated for medical applications. For research use only.

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

Product Data Sheet

Structure



Background

E4CPG is a novel group I/group II metabotropic glutamate receptor antagonist, more potent than (RS)-MCPG .

References:

- [1]. Sekiyama N et al. Structure-activity relationships of new agonists and antagonists of different metabotropic glutamate receptorsubtypes. Br J Pharmacol, 1996 Apr, 117(7):1493-503.
- [2]. Bedingfield JS et al. Structure-activity relationships for a series of phenylglycine derivatives acting at metabotropic glutamate receptors (mGluRs). Br J Pharmacol. 1995 Dec;116(8):3323-9.

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