

Product Data Sheet

Product Name: BCPA
Cat. No.: GC73472

Chemical Properties

Cas. No. 547731-67-9

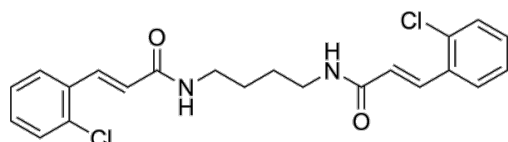
Formula $C_{22}H_{22}Cl_2N_2O_2$ M.Wt 417.33

Solubility DMSO : 6.67 mg/mL (15.98 mM);
ultrasonic and warming and heat to 80°C) Storage -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

BCPA is a Pin1 regulator without cytotoxicity. BCPA attenuates the reduction of Pin1 protein to inhibit receptor activator of RANKL-induced osteoclastogenesis. BCPA regulates osteoclast activation, used to osteoporosis research.

References:

[1]. Cho E, et al. BCPA {N, N'-1, 4-Butanediylbis [3-(2-chlorophenyl) acrylamide]} Inhibits osteoclast

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

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differentiation through increased retention of peptidyl-prolyl cis-trans isomerase never in mitosis A-interacting 1[J]. International Journal of Molecular Sciences, 2018, 19(11): 3436.

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