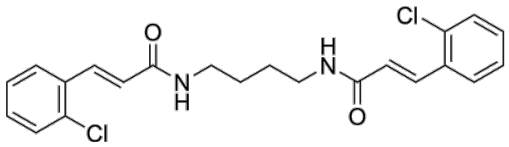
Product Data Sheet

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

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.