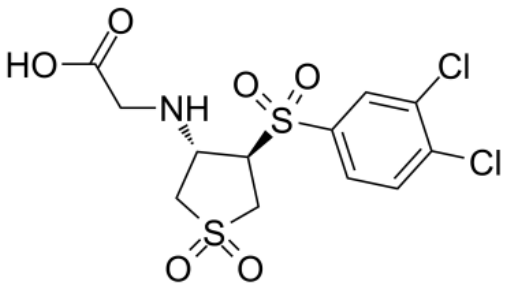
Product Data Sheet

Product Name: CBR-470-2
Cat. No.: GC61636

Chemical Properties

Cas. No.	2416095-00-4		
SMILES	OC(CN[C@@H](C1)[C@@H](S(C2=CC=C(Cl)C(Cl)=C2)(=O)=O)CS1(=O)=O)=O		
Formula	$C_{12}H_{13}Cl_2NO_6S_2$	M.Wt	402.27
Solubility	DMSO: 200 mg/mL (497.18 mM)	Storage	4°C, stored under nitrogen
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

CBR-470-2, a glycine-substituted analog, can activate NRF2 signaling. CBR-470-2 can be used for the research of modulation glycolysis[1].

CBR-470-2 (1-10 μM; 24 h) increases transcript levels of the NRF2-responsive genes NQO1 and HMOX1 in epidermal keratinocytes and dermal fibroblasts[1].

CBR-470-2 (50 mg/kg; p.o. twice daily for 10 d) induces activation of NRF2 signaling in vivo[1].

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

Product Data Sheet

Animal Model: Balb/C mice (5-week old) are exposed to UVB[1]

[1]. Bollong MJ, et, al. A metabolite-derived protein modification integrates glycolysis with KEAP1-NRF2 signalling. Nature. 2018 Oct;562(7728):600-604.

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