Product Data Sheet

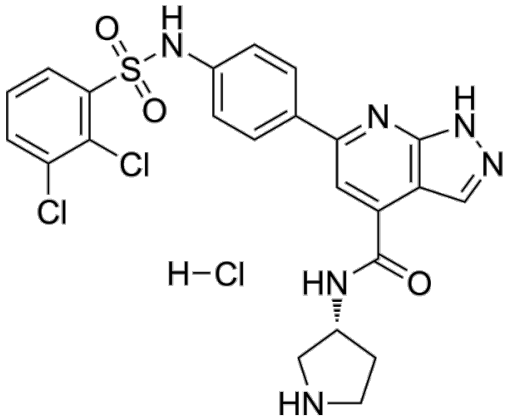
Product Name: SGK1-IN-3 hydrochloride
Cat. No.: GC73088

Chemical Properties

Cas. No.

Formula	$C_{23}H_{21}Cl_3N_6O_3S$	M.Wt	567.88
Solubility	DMSO : 125 mg/mL (220.12 mM; Need ultrasonic)	Storage	4°C, sealed storage, away from moisture and light
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

SGK1-IN-3 drochloride (compound 3a) is a potent and orally active inhibitor of SGK1. The serine/threonine kinase SGK1 is an activator of the β-catenin pathway and a powerful stimulator of cartilage degradation that is found to be upregulated under genomic control in diseased osteoarthritic cartilage. SGK1-IN-3 drochloride has the potential for the research of osteoarthritis.

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

References:

[1]. Halland N, et al. Rational Design of Highly Potent, Selective, and Bioavailable SGK1 Protein Kinase Inhibitors for the Treatment of Osteoarthritis. J Med Chem. 2022;65(2):1567-1584.

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