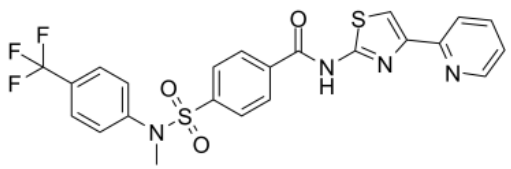
Product Data Sheet

Product Name: SSTC3
Cat. No.: GC39637

Chemical Properties

Cas. No.	1242422-09-8		
SMILES	O=C(NC1=NC(C2=NC=CC=C2)=CS1)C3=CC=C(S(=O)(N(C)C4=CC=C(C(F)(F)F)C=C4)=O)C=C3		
Formula	$C_{23}H_{17}F_3N_4O_3S_2$	M.Wt	518.53
Solubility	Soluble in DMSO	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.		
Structure			



Background

SSTC3 is a casein kinase 1α (CK1α) activator (Kd = 32 nM) that inhibits WNT signaling (EC50 = 30 nM). SSTC3 exhibits minimal gastrointestinal toxicity compared to other classes of WNT inhibitors[1].

[1]. Li B, et al, Differential abundance of CK1α provides selectivity for pharmacological CK1α

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

activators to target WNT-dependent tumors. Sci Signal. 2017 Jun 27;10(485). pii: eaak9916.