

## Product Data Sheet

Product Name: BAY-293

Cat. No.: GC33186

### Chemical Properties

Cas. No. 2244904-70-7

SMILES COC1=C(OC)C=C(N=C(C)N=C2N[C@H](C)C3=CC(C4=C(CNC)C=CC=C4)=CS3)C2=C1

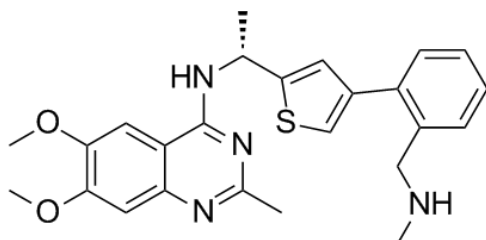
Formula  $C_{25}H_{28}N_4O_2S$  M.Wt 448.58

Solubility DMSO :  $\geq 125$  mg/mL (278.66 mM) Storage Store at  $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at  $37^{\circ}C$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^{\circ}C$  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

BAY-293 is a potent SOS1 inhibitors that block RAS activation via disruption of the RAS-SOS1 interaction with an  $IC_{50}$  of 21 nM[1].

[1]. Hillig RC, et al. Discovery of potent SOS1 inhibitors that block RAS activation via disruption of the RAS-SOS1 interaction. Proc Natl Acad Sci U S A. 2019 Feb 12;116(7):2551-2560.

**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

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