

Product Data Sheet

Product Name: sAJM589

Cat. No.: GC38845

Chemical Properties

Cas. No. 2089-82-9

SMILES OC1=CC2=NC3=CC=CC=C3N=C2C4=CC=CC=C41

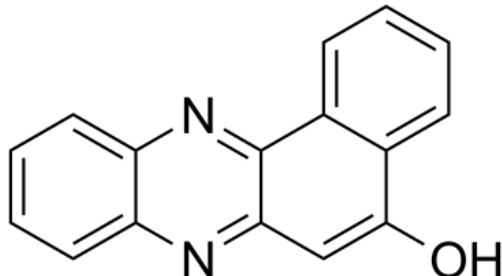
Formula $C_{16}H_{10}N_2O$ M.Wt 246.26

Solubility DMSO: 5 mg/mL (20.30 mM) 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

sAJM589 is a Myc inhibitor which potently disrupts the Myc-Max heterodimer with an IC₅₀ of 1.8 μM[1].

sAJM589 potently disrupts the Myc-Max heterodimer to reduce Myc protein levels in a dose dependent manner, with an IC₅₀ of 1.8 μM[1]. sAJM589 suppresses cellular proliferation in diverse Myc-dependent cancer cell lines and anchorage independent growth of Raji cells[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

[1]. Choi SH, et al. Targeted Disruption of Myc-Max Oncoprotein Complex by a Small Molecule. ACS Chem Biol. 2017 Nov 17;12(11):2715-2719.

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