

Product Data Sheet

Product Name: SIAIS178

Cat. No.: GC39262

Chemical Properties

Cas. No. 2376047-73-1

SMILES O=C(N1CCN(C2=NC(C)=NC(NC3=NC=C(C(NC4=C(C=CC=C4Cl)C)=O)S3)=C2)CC1)CCCCC(N[C@@H](C(C)(C)C)C(N5[C@@H](C[C@@H](O)C5)C(NCC6=CC=C(C7=C(N=CS7)C)C=C6)=O)=O)=O

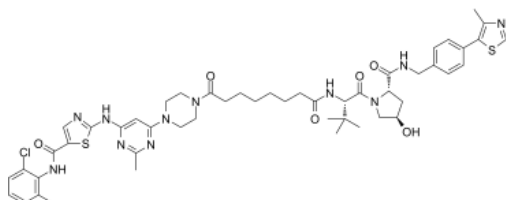
Formula $C_{50}H_{62}ClN_{11}O_6S_2$ M.Wt 1012.68

Solubility DMSO: 300 mg/mL (296.24 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

SIAIS178 is a potent and selective BCR-ABL degrader based on PROTAC technology with an IC₅₀ of 24 nM. SIAIS178 causes effective degradation of BCR-ABL protein by recruiting Von Hippel-Lindau (VHL) E3 ubiquitin ligase. SIAIS178 has anticancer activity[1].

[1]. Zhao Q, et al. Discovery of SIAIS178 as an Effective BCR-ABL Degradation by Recruiting Von

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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Hippel-Lindau (VHL) E3 Ubiquitin Ligase. J Med Chem. 2019 Oct 24;62(20):9281-9298.

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