

Product Data Sheet

Product Name: PROTAC AR/AR-V7 degrader-1

Cat. No.: GC73996

Chemical Properties

Cas. No. 2841308-96-9

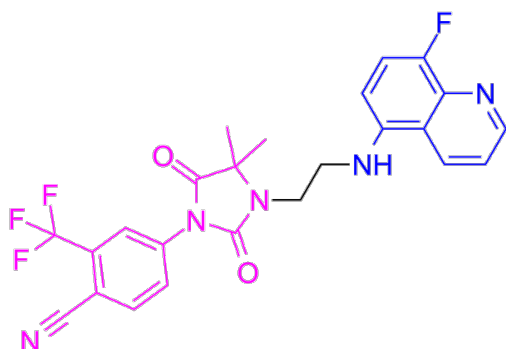
Formula $C_{24}H_{19}F_4N_5O_2$ M.Wt 485.43

Solubility DMSO : ≥ 100 mg/mL (206.00 mM) Storage 4°C, protect from 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

PROTAC AR/AR-V7 degrader-1 (27c) is a PROTAC-based and dual AR, AR-V7 degrader, with DC50 values of 2.67 and 2.64 μ M for AR and AR-V7, respectively. PROTAC AR/AR-V7 degrader-1 (27c) induces apoptosis (Red: AR antagonist; Blue: E3 ligase ligand; Black: linker).

PROTAC AR/AR-V7 degrader-1 (27c) effectively suppresses transcriptional activity of the AR signaling pathway. PROTAC AR/AR-V7 degrader-1 (27c) exhibits an IC50 of 0.9 μ M in 22RV1 cells[1]. PROTAC AR/AR-V7 degrader-1 (27c) overcomes drug resistance in advanced PCa expressing AR splice variants[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

References:

[1]. Maoxu Xiao, et al. Structure–Activity Relationship (SAR) Studies of Novel Monovalent AR/AR-V7 Dual Degraders with Potent Efficacy against Advanced Prostate Cancer. J. Med. Chem. 2024, 67, 7, 5567-5590.

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