

Product Data Sheet

Product Name: (R)-AR/BRD4 RIPTAC-1

Cat. No.: GC81883

Chemical Properties

Cas. No. 3083307-47-2

Formula $C_{50}H_{54}N_{10}O_5S$ M.Wt 907.09

Solubility DMSO: 50 mg/mL (55.12 mM; Need ultrasonic) Storage Store at 4°C, sealed storage, away from moisture

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

(R)-AR/BRD4 RIPTAC-1 is the R-enantiomer of AR/BRD4 RIPTAC-1. AR/BRD4 RIPTAC-1 is an orally active Regulated Induced Proximity TArgeting Chimera (RIPTAC). AR/BRD4 RIPTAC-1 induces the formation of a stable ternary complex between the androgen receptor (AR) and BRD4, thereby blocking BRD4 function. AR/BRD4 RIPTAC-1 inhibits the growth and proliferation of tumor cells. AR/BRD4 RIPTAC-1 holds promise for research into prostate cancer.

In Vitro, An R-configuration chiral monomer is a single stereoisomer possessing a chiral center with

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

an R-configuration spatial arrangement, free from contamination by its enantiomer.

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