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## Product Data Sheet

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Product Name: PROTAC AR-V7 degrader-1

Cat. No.: GC68376

### Chemical Properties

Cas. No. 2767440-24-2

Formula  $C_{41}H_{52}N_6O_6S_2$

M.Wt 789.02

Solubility DMSO : 110 mg/mL (139.41 mM; Need ultrasonic)

Storage Store at -20°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-V7 degrader-1 (Compound 6) is a potent, orally bioavailable and selective **AR-V7** degrader with the **DC<sub>50</sub>** of 0.32  $\mu$ M by recruiting VHL E3 ligase to Androgen receptor (AR) DNA binding domain (DBD) binder. PROTAC AR-V7 degrader-1 exhibits activity against 22Rv1 cell-line expressing AR-V7 with the EC<sub>50</sub> of 0.88  $\mu$ M<sup>[1]</sup>.

[1]. Archana Bhumireddy, et al. Design, synthesis, and biological evaluation of phenyl thiazole-based AR-V7 degraders. Bioorg Med Chem Lett. 2022 Jan 1;55:128448.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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