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## Product Data Sheet

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Product Name: RAS/RAS-RAF-IN-1

Cat. No.: GC62504

### Chemical Properties

Cas. No. 2447039-81-6

Formula  $C_{45}H_{57}N_7O_7$  M.Wt 807.98

Solubility Storage 4°C, protect from light, stored under nitrogen

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

RAS/RAS-RAF-IN-1 is a potent RAS and RAS-RAF inhibitor. RAS/RAS-RAF-IN-1 has a KD of 5.0 μμ-15 μμ for cyclophilin A (CYPA) binding affinity. RAS/RAS-RAF-IN-1 has antitumor activity[1].

RAS/RAS-RAF-IN-1 (compound 89; for 4 hours) has an EC50 of 0.5 μμ-5.0 μμ for BRAF-GTP-KRAS-G12C disruption and has an IC50 of 1.0 μμ-10 μμ for pERK inhibition in H358 cells[1].

[1]. Meizhong Jin, et al. Compounds that participate in cooperative binding and uses thereof. WO2020132597A1.

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

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