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**Product Data Sheet**

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Product Name: PROTAC KRAS G12C degrader-1

Cat. No.: GC63878

**Chemical Properties**

Cas. No.

Formula C50H54ClFN8O6

M.Wt

917.47

Solubility

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**

PROTAC KRAS G12C degrader-1 is a Cereblon-based KRASG12C degrader, with an IC50 of 414 nM for CRBN. PROTAC KRAS G12C degrader-1 induces CRBN/ KRASG12C dimerization and degrades GFP- KRASG12C in reporter cells[1].

PROTAC KRAS G12C degrader-1 (Compound 12) engages CRBN in cells, bound KRASG12C in vitro, induces CRBN/KRASG12C dimerization, and degrades GFP-KRASG12C in reporter cells in a CRBN-dependent manner[1].

[1]. Zeng M, et, al. Exploring Targeted Degradation Strategy for Oncogenic KRAS G12C. Cell Chem Biol. 2020 Jan 16;27(1):19-31.e6.

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

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