

Product Data Sheet

Product Name: PBENZ-DBRMD

Cat. No.: GC73138

Chemical Properties

Cas. No. 1454662-41-9

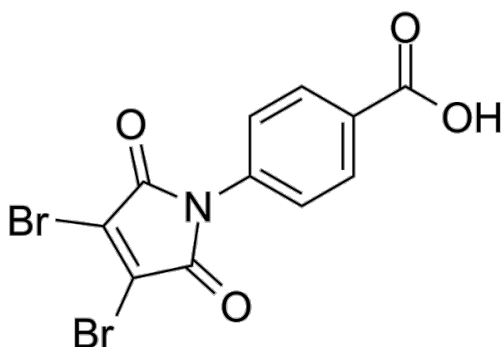
Formula $C_{11}H_5Br_2NO_4$ M.Wt 374.97

Solubility DMSO : 100 mg/mL (266.69 mM; Storage -20°C
Need ultrasonic)

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

PBENZ-DBRMD is a potent iodotronine deiodinase type 3 (DIO3) inhibitor. PBENZ-DBRMD has anti-proliferative activity and induces apoaptosis. PBENZ-DBRMD can be used for cancer research.

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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References:

[1]. Moskovich D, et, al. Targeting the DIO3 enzyme using first-in-class inhibitors effectively suppresses tumor growth: a new paradigm in ovarian cancer treatment. *Oncogene*. 2021 Nov;40(44):6248-6257.

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