

Product Data Sheet

Product Name: AMPK activator 13

Cat. No.: GC71333

Chemical Properties

Cas. No.

Formula $C_{23}H_{21}BrN_2O$ M.Wt 421.33

Solubility DMSO : 25 mg/mL (59.34 mM);
ultrasonic and warming and heat to
60°C; Hygroscopic DMSO has a
significant impact on the solubility of
product, please use newly opened
DMSO)

Storage

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.

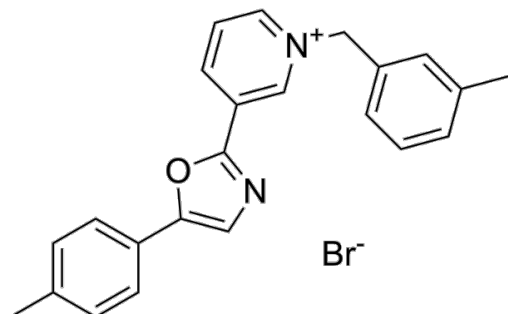
Caution: Product has not been fully validated for medical applications. For research use only.

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

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Structure



Background

AMPK activator 13 is a potent activator of AMPK. AMPK activator 13 inhibits mitotic clonal expansion of 3T3-L1 cells by activating AMPK pathway and enhances cell mitochondrial oxygen consumption rate. AMPK activator 13 can be used in study obesity.

References:

[1]. Mishra T, et al. Anti-adipogenic action of a novel oxazole derivative through activation of AMPK pathway. Eur J Med Chem. 2023 Oct 20;262:115895.

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