
Product Data Sheet

Product Name: Braco-19
Cat. No.: GC68800

Chemical Properties

Cas. No. 351351-75-2

Formula $C_{35}H_{43}N_7O_2$ M.Wt 593.76

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

IC50: telomerase/telomere^[1]

Braco-19 is a potent **telomerase/telomere** inhibitor, preventing the capping and catalytic action of Shown partial tumor regressions with an optimal T/C on day 28 of 4.1%, equal to 95.9% inhibition of tumor growth compared with control.

[1]. Angelika M Burger, et al. The G-quadruplex-interactive Molecule BRACO-19 Inhibits Tumor Growth, Consistent With Telomere Targeting and Interference With Telomerase Function. *Cancer Res.* 2005 Feb 15;65(4):1489-96.

[2]. Prativa Majee, et al. Genome-wide Analysis Reveals a Regulatory Role for G-quadruplexes During Adenovirus Multiplication. *Virus Res.* .2020 Jul

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

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