

Product Data Sheet

Product Name: BA 1 TFA

Cat. No.: GC60619

Chemical Properties

Cas. No.

Formula C₅₉H₇₇F₃N₁₄O₁₃ M.Wt 1247.32

Solubility H₂O : 16.67 mg/mL (13.36 mM; Storage -20°C, protect from light
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

YQWAV{Bal}HF{Nle}-NH₂ (TFA salt)

Background

BA 1 TFA is a potent bombesin receptor agonist (IC₅₀ values are 0.26, 1.55 and 2.52 nM for BB1,

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

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BB2 and BB3 respectively). BA 1 TFA enhances glucose transport in obese and diabetic primary myocytes. BA 1 TFA also stimulates NCI-H1299 lung cancer cell proliferation in vitro.

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