

BA 1 TFA

Cat. No.:	HY-P1423A
Molecular Formula:	C ₅₉ H ₇₇ F ₃ N ₁₄ O ₁₃
Molecular Weight:	1247.32
Sequence Shortening:	YQWAV{Bal}HF{Nle}-NH2
Target:	Bombesin Receptor
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

BIOLOGICAL ACTIVITY

Description	BA 1 TFA is a potent agonist for the bombesin (BB) family of receptors. BA1 binds with high affinity to Bombesin receptor subtype-3 (BRS3), gastrin releasing peptide receptor (GRPR), neuromedin B receptor (NMBR) with IC ₅₀ s of 6, 0.4, 2.5 nM ^[1] .
In Vitro	BA1 (0.1 μM) significantly increases FAK tyrosine phosphorylation in BRS-3 transfected NCI-H1299 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Terry W Moody, et al. ML-18 is a non-peptide bombesin receptor subtype-3 antagonist which inhibits lung cancer growth. Peptides. 2015 Feb;64:55-61.

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

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