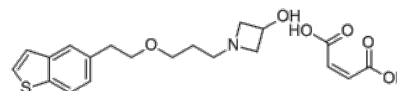


Product Name : Edonerpic maleate
Cat. No. : PC-35371
CAS No. : 519187-97-4
Molecular Formula : C₂₀H₂₅NO₆S
Molecular Weight : 407.481
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Edonerpic maleate (T-817MA) is a neurotrophic agent that can protect neuronal cells and modify their morphology, binds to collapsin-response-mediator-protein 2 (CRMP2) and inhibits **amyloid-β** peptides (Aβ).

Edonerpic maleate binds to collapsin-response-mediator-protein 2 (CRMP2) with K_d of 7.35 x 10⁻⁴ M.

Edonerpic maleate attenuates amyloid-beta-induced neurotoxicity and promotes neurite outgrowth in rat cultured central nervous system neurons.

Edonerpic maleate ameliorates the deficits in adult neurogenesis and spatial memory in rats infused i.c.v. with amyloid-beta peptide.

References

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Kimura T, et al. *Br J Pharmacol*. 2009 Jun;157(3):451-63.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com