

ST171

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	ST171 is a dual-action 5-HT _{1A} R agonist with a K _i of 0.41 nM. It selectively activates the G _{i/o} signaling pathway and inhibits cAMP accumulation mediated by 5-HT _{1A} R, without G _s activation and with minimal β -arrestin recruitment. ST171 reduces hypersensitivity in mouse models of chronic neuropathic and inflammatory pain and is applicable for pain research.
Targets(IC ₅₀)	5-HT Receptor

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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