Product Name	:	Neotuberostemonine
Synonyms	:	——
Cat No.	:	M19780
CAS Number	:	143120-46-1
Molecular Formula	:	C22H33NO4
Formula Weight	:	375.5
Chemical Name	:	——
Description	:	Neotuberostemonine (NTS) is one of the main antitussive alkaloids in the root of Stemona tuberosa Lour it has a significant protective effect on bleomycin (BLM)-induced pulmonary fibrosis through suppressing the recruitment and M2 polarization of macrophages. Neotuberostemonine demonstrates antitussive properties in guinea pigs.
Pathway	:	Immunology/Inflammation
Target	:	NOS
Receptor	:	NOS
Solubility	:	DMSO:10 mM
SMILES	:	CC[C@H]1[C@H]2OC(=O)[C@@H](C)[C@H]2[C@@H]2C[C@@H]([C@@H]3C[C@H](C)C(=O)O3)N3CCCC[C@H]1[C@H]23
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1.Xiang J Cheng S Feng T et al. Neotuberostemonine attenuates bleomycin-induced pulmonary fibrosis by suppressing the recruitment and activation of macrophages[J]. International Immunopharmacology 2016 36:158-164.

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