

Product Name	: Dasantafil
Synonyms	: —
Cat No.	: M34221
CAS Number	: 569351-91-3
Molecular Formula	: C ₂₂ H ₂₈ BrN ₅ O ₅
Formula Weight	: 522.39
Chemical Name	: —
Description	: Dasantafil (SCH-446132) is a small molecule phosphodiesterase-5A (PDE5A) inhibitor used to in genitourinary disorders and study erectile dysfunction.
Pathway	: Angiogenesis
Target	: PDE
Receptor	: PDE
Solubility	: —
SMILES	: <chem>C(N1C2=C(N(CCO)C(=O)N(CC)C2=O)N=C1N[C@H]3[C@H](O)CCC3)C4=CC(Br)=C(OC)C=C4</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Galo M, et al. Targeted therapy with phosphodiesterase 5 inhibitors in patients with pulmonary hypertension due to heart failure and elevated pulmonary vascular resistance: a systematic review. *Pulm Circ.* 2020 Jul-Sep; 10(3): 2045894020948780.