

Product Information

TP808, Purity \geq 98%

Cat. No.: X24-09-YM1202

Size: 5 mg; 10 mg; 25 mg; 50 mg

MDL: MFCD28023585

CAS Number: 852821-06-8

Compound CID: 11363682

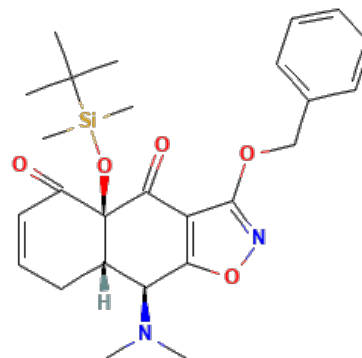
Synonym: 852821-06-8; TP-808; TP 808;

(4a*S*,8a*S*,9*S*)-4a-[*Tert*

-butyl(dim

ethyl)silyl]oxy-9-(dim

ethylamino)-3-phenylmethoxy-8a,9-dihydro-8*H*-benzo[*f*][1,2]benzoxazole-4,5-dione



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	TP808 is a useful intermediate for the synthesis of diverse tetracycline antibiotics. The molecular weight of the compound is 482.64, and its molecular formula is C ₂₆ H ₃₄ N ₂ O ₅ Si.
Molecular Weight	482.64
Molecular Formula	C ₂₆ H ₃₄ N ₂ O ₅ Si
IUPAC Name	(4a <i>S</i> ,8a <i>S</i> ,9 <i>S</i>)-4a-[<i>Tert</i> -butyl(dimethyl)silyl]oxy-9-(dimethylamino)-3-phenylmethoxy-8a,9-dihydro-8 <i>H</i> -benzo[<i>f</i>][1,2]benzoxazole-4,5-dione
InChI	InChI=1S/C26H34N2O5Si/c1-25(2,3)34(6,7)33-26-18(14-11-15-19(26)29)21(28(4)5)22-20(23(26)30)24(27-32-22)31-16-17-12-9-8-10-13-17/h8-13,15,18,21H,14,16H2,1-7H3/t18-,21-,26-/m0/s1
InChI Key	SLXLVVLJLQJWFG-JCWFFFCVSA-N
Canonical SMILES	CC(C)(C)[Si](C)(C)OC12C(CC=CC1=O)C(C3=C(C2=O)C(=NO3)OCC4=CC=CC=C4)N(C)C
Isomeric SMILES	C[C@@]1(CSC(=N1)C2=C(C=C(C=C2)O)O)C(=O)O
Form	Lyophilized powder
Purity	\geq 98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.



Quality Level	Research grade
Applications	TP808 can be studied extensively for its potential therapeutic applications in the treatment of various cancers, particularly neuroblastoma and other pediatric solid tumors.
Storage	Store at -20°C, and keep desiccated.