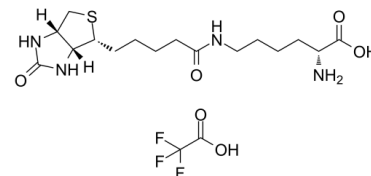


Data Sheet

Product Name:	Biotinylated-D-lysine (TFA)
Cat. No.:	CS-0373200
Molecular Formula:	C ₁₈ H ₂₉ F ₃ N ₄ O ₆ S
Molecular Weight:	486.51
Target:	Others
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

Biotinylated-D-lysine TFA is a conjugate of L-biotin and D-lysine, where the carboxylate of L-biotin is coupled with the ε-amine of D-lysine via a secondary amide bond. Biotinylated-D-lysine TFA is an isomer of the neuroanatomical tracer Biocytin.

CAIndexNames:

(R)-2-Amino-6-(5-((3aR,4R,6aS)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanamido)hexanoic acid compound with 2,2,2-trifluoroacetic acid (1:1)

SMILES:

O=C(C(F)(F)F)O.O=C([C@H](N)CCCCNC(CCCC[C@@H]1[C@]2([H])NC(N[C@@]2(CS1)[H])=O)=O)=O

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 610-426-3128

Fax: 888-484-5008

E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA