

**Product Name:** (S)-(+)-alpha-Methoxy-alpha-(trifluoromethyl)phenylacetyl chloride, 98+%

**Catalog Number:** L14332.MF

**CAS Number:** 20445-33-4

**IUPAC Name:** (2S)-3,3,3-trifluoro-2-methoxy-2-phenylpropanoyl chloride

**Molecular Formula:** C<sub>10</sub>H<sub>8</sub>ClF<sub>3</sub>O<sub>2</sub>

**Molecular Weight:** 252.62

**InChI Key:** PAORVUMOXAMPL-SECBINFHSA-N

**SMILES:** CO[C@@](C(Cl)=O)(C1=CC=CC=C1)C(F)(F)F

**Synonym:** (2S)-3,3,3-trifluoro-2-methoxy-2-phenylpropanoyl chloride

### Product Specification

**Appearance (Color):** Clear colorless

**Form:** Liquid or viscous liquid

**Assay (GC):** ≥98.0%

**Refractive Index:** 1.4675-1.4715 @ 20°C

**Identification (FTIR):** Conforms

**Optical Rotation:** 137.0 ± 1.5° (neat)

**Date Of Print:** 04/13/2026

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*