

**Product Name:** 4-Phenylbutyryl chloride, 97%  
**Catalog Number:** H50388.03

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**CAS Number:** 18496-54-3  
**IUPAC Name:** 4-phenylbutanoyl chloride  
**Molecular Formula:** C<sub>10</sub>H<sub>11</sub>ClO  
**Molecular Weight:** 182.65  
**InChI Key:** VQDQISMDUHBUFF-UHFFFAOYSA-N  
**SMILES:** ClC(=O)CCCC1=CC=CC=C1  
**Synonym:** 4-phenylbutanoyl chloride

## Product Specification

**Appearance (Color):** Clear colourless to yellow  
**Form:** Liquid  
**Assay (Titration ex Chloride):** ≥96.0% to ≤104.0% [UK]  
**Assay (HPLC):** ≥96.0% [US]  
**Refractive Index:** 1.5195-1.5245 @ 20°C [UK]  
**Assay (GC):** ≥96.0% [UK]  
**Comment:** Material manufactured/sourced in either US or UK

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**Date Of Print:** 04/24/2025

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