

Product Data Sheet

Product Name: Perfluorohexanoic Acid

Cat. No.: GC52257

Chemical Properties

Cas. No. 307-24-4

SMILES O=C(C(F)(C(F)(C(F)(C(F)(F)F)F)F)F)O

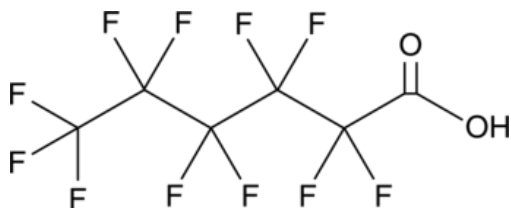
Formula $C_6HF_{11}O_2$ M.Wt 314.1

Solubility DMF: 1 mg/ml, DMSO: 2 mg/ml, Ethanol: 2 mg/ml, PBS (pH 7.2): 2 mg/ml Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Perfluorohexanoic acid (PFHxA) is a perfluoroalkyl substance (PFAS).¹ Prenatal exposure to PFHxA is associated with preterm birth.

1. Yu, Y., Qin, X.-D., Bloom, M.S., et al. Associations of prenatal exposure to perfluoroalkyl substances with preterm birth: A family-based birth cohort study. *Environ. Res.* 214(Pt 1):113803(2022)

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

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