

---

**Product Data Sheet**

---

Product Name: Lactiflorin

Cat. No.: GC60972

**Chemical Properties**

Cas. No. 1361049-59-3

SMILES O=C(C1=CC=CC=C1)OC[C@]2([C@](C3)([H])O4)[C@@](C[C@@]2([H])C3=O)(O[C@@](O[C@@H]5CO)([H])[C@]([C@H]([C@@H]5O)O)([H])O6)[C@@]64C

Formula C<sub>23</sub>H<sub>26</sub>O<sub>10</sub> M.Wt 462.45

Solubility DMSO : 100 mg/mL (216.24 mM; Need ultrasonic) Storage Store at -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**

Lactiflorin, a monoterpene glycoside from paeony root, possesses nephroprotective effect[1].

[1]. Su J, et al. Peony and diabetic nephropathy. Australian Journal of Medical Herbalism, vol. 21, no. 4, 2009, p. 111.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---