Title: Extraction and isolation of potential anti-stroke compounds from flowers of *Pueraria lobata* guided by *in vitro* PC12 cell model

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Highlights

1. UFLC-MS is an effective method for screening LDH inhibitors from *Pueraria lobata* flowers.
2. Seven potential anti-stroke isoflavones were identified and isolated using a P12 cell model.
3. Continuous MAE-CCC was developed for scaled up production of pure LDH inhibitors.
4. The MAE-CCC method was established using a multi-exponential function model.