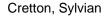
Two new hygroline and tropane alkaloids isolated from schizanthus hookeri and S. tricolor (Solanaceae)



Muñoz, Orlando

Tapia, Jorge

Marcourt, Laurence

Maes, Louis

Christen, Philippe

Two new hygroline and tropane alkaloids, 4-hydroxybenzenepropanoylhygroline (1) and 3?,4?-dihydroxy-6?-angeloyoxytropane (2) have been isolated from the aerial parts of Schizanthus hookeri and S. tricolor, respectively, two plants indigenous from Chile. Their structures were elucidated by spectroscopic methods and high resolution mass spectrometry. Their antiparasitic activity and cytotoxicity were measured.