

Product Data Sheet

Product Name: GPI-16552

Cat. No.: GB40221

Chemical Properties

Cas. No. 443794-40-9

Formula $C_{33}H_{30}N_2O_3$

M.Wt 502.62

Solubility

Storage

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

GPI-16552 (443794-40-9) is a novel potent inhibitor of poly(ADP-ribose) glycohydrolase (PARG), IC₅₀=1.7 μM. Pre or post ischemia treatment (40 mg/kg) with GPI-16552 reduces brain infarct volumes in a rat model of cerebral ischemia. It modulates the inflammatory response to ischemia/reperfusion in a rat splanchnic artery occlusion model and reduces the degree of spinal cord inflammation and tissue injury after experimental spinal cord trauma. GPI-16552 synergizes with temozolomide in decreasing melanoma cell invasion and metastatic spreading in mice injected with B16 melanoma cells.

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

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