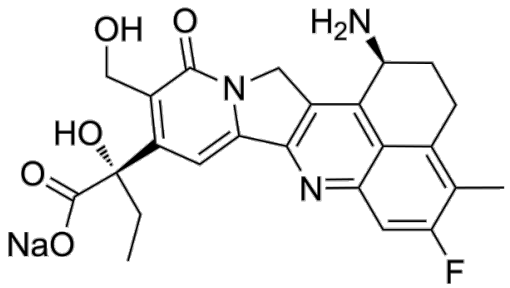
Product Data Sheet

Product Name: DX-8951 Hydroxy-acid sodium
Cat. No.: GC81606

Chemical Properties

Cas. No.			
Formula	$C_{24}H_{23}FN_3NaO_5$	M.Wt	475.44
Solubility	DMSO: 25 mg/mL (52.58 mM; Need ultrasonic and warming)	Storage	Store at -20°C, sealed storage, away from moisture and light
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

DX-8951 Hydroxy-acid sodium is a prodrug of phosphoramide. DX-8951 Hydroxy-acid sodium can effectively increase intracellular ATP levels. DX-8951 Hydroxy-acid sodium activates the AMPK signaling pathway by increasing the AMP/ATP ratio. DX-8951 Hydroxy-acid sodium can enhance mitochondrial function and antioxidant capacity while reducing reactive oxygen species (ROS) levels. DX-8951 Hydroxy-acid sodium has shown significant anti-aging and longevity effects in both human fibroblast and nematode models [1].

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