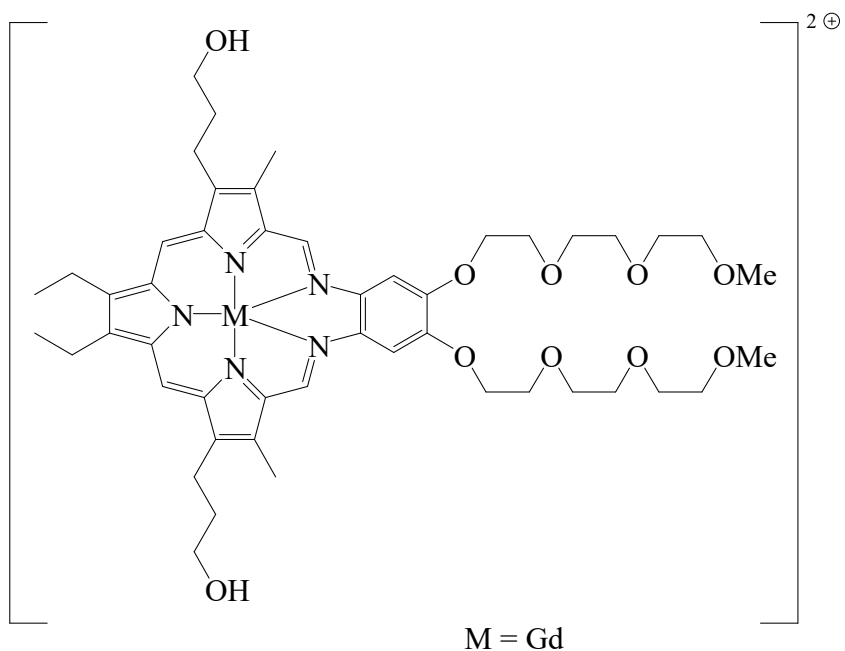




>>Entry Name: [9,10-Diethyl-20,21-bis[2-[2-(2-methoxyethoxy)ethoxy]ethoxy]-4,15-dimethyl-8,11-imino-3,6:16,13-dinitrilo-1,18-benzodiazacycloeicosine-5,14-dipropanolato- $N^1, N^{18}, N^{23}, N^{24}, N^{25}$]gadolinium(2+), 9Cl



CAS Registry Number: 165254-24-0

Molecular Formula: $C_{48}H_{66}GdN_5O_{10}^{2(+)}$

Molecular Weight: 1030.327

Accurate Mass: 1030.405069

Percentage Composition: C 55.96%; H 6.46%; Gd 15.26%; N 6.80%; O 15.53%

>>**Derivative:** Diacetate salt

Synonym(s): Motexafin gadolinium, INN. Gadolinium texaphyrin. PCI 0120

CAS Registry Number: 156436-89-4

Biological Use/Importance: Photosensitiser. Used in photodynamic cancer therapy

Physical Description: No phys. props. reported

Development Status: Phase II clinical trials (1997)

References:

U.S. Pat., 1995, 5 457 183; *CA*, **124**, 133983y, (*synth, activity*)

Young, S.W. *et al.*, *Proc. Natl. Acad. Sci. U.S.A.*, 1996, **93**, 6610-6615, (*pharmacol*)