

ABSTRACTCOMPOUNDS

There are disclosed polychelant compounds, that is multi-site metal chelating agents, and chelates formed therewith. The polychelants and especially their paramagnetic metal, heavy metal or radioactive metal polychelates are particularly suitable for use in diagnostic imaging, heavy metal detoxification or radiotherapy. The polychelants have a linear or branched oligomeric structure comprising alternating chelant and linker moieties bound together by amide or ester moieties the carbonyl groups whereof being adjacent the chelant moieties, each polychelant comprising at least two said chelant moieties capable of complexing a metal ion.

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