

如何了解药物的 ADMET 信息？

在 Thomson Pharma 中检索药 ADMET 信息 (Absorption, Distribution Metabolism, Excretion, Toxicity) 可以让您对药物的了解更全面，让您的工作更加高效。参考 Thomson Pharma 经过编辑整理的 ADMET 数据信息，您不必阅读诸多全文而节省时间，并且可以全面获得与药物相关的科技文献收集整理而来的信息。访问 ADMET 信息您还可以让您掌握更多的试验信息，用来全面评估您公司药物的 ADMET 特性。

例如：如何了解 Pioglitazone 的 ADMET 信息？

以下两种方法可以收集某种药物的 ADMET 信息。

【A】 从 Quick Search 检索 Pioglitazone 的药物报告

The screenshot shows the Thomson Pharma Quick Search interface. The search bar contains "Drug Name" and "pioglitazone". The search results page displays a "Summary" section with a "pioglitazone" link. The interface includes various filters and options on the left side, such as "Display by", "Sort by", and "Rank by". The "Metadata fingerprint" section shows two circular charts: "Master Fingerprint" and "Filter Fingerprint".

1. 从下拉菜单选择 "Drug Name".

2. 在检索框输入“Pioglitazone”，然后点击 Search 按钮。

3. 点击 summary 字段下的“Pioglitazone”显示药物报告

显示Pioglitazone 的药物报告. 点击“Literature Evaluation”标签和“Drugdex Evaluation”标签查看 ADMET信息.

The screenshot shows the Thomson Pharma interface with the navigation menu. The "LITERATURE EVALUATION" and "DRUGDEX EVALUATION" tabs are highlighted. The "LITERATURE EVALUATION" section is active, showing a list of results.

LITERATURE EVALUATION

Metabolism

An HPLC method has been developed for the simultaneous measurement of [pioglitazone](#) and five of its metabolites in human serum and urine [[210761](#)]. Metabolites hydroxylated at the 2-position of the ethoxy chain and those oxygenated at the ethyl side chain attached to the pyridine ring were found to be active, but slightly less potent than the parent compound [[210767](#)].

Toxicity

No toxic effects have been reported. Another thiazolidine derivative, [troglitazone](#), has been linked with cancer [[204691](#)].

Metabolism

Study type	Effect studied	Experimental model	Result	Reference
Metabolism in man		HPLC isolation of drug and metabolites in human serum and urine	Detection limits and linearity established for pioglitazone and five metabolites.	210761

ADME

Absorption

Bioavailability

ORAL, TABLET: clinical data are lacking.

In animal studies, oral bioavailability was approximately 50% (Krieter et al, 1994).

Effects of Food

not clinically significant; food delays time to peak concentration to 3 to 4 hours (Prod Info Actos(R), 2001).

[B] 从Quick Search 检索Pioglitazone 的化学报告.

THOMSON PHARMA®

Quick Search

Compound Name

pioglitazone"

Search

1. 从下拉菜单选择“Compound Name”

2. 在检索框输入“Pioglitazone”，然后点击 Search 按钮。

- [pioglitazone](#) Cited in: [Candesartan + Pioglitazone \(Type 2 Diabetes\), Takeda, Pioglitazone, Pioglitazone + Alogliptin \(Diabetes\), Takeda, Pioglitazone + Azilsartan \(Diabetes/Hypertension\), Takeda, Pioglitazone + Glimepiride \(Extended Release\), Takeda, Pioglitazone + Sitagliptin \(Diabetes\), Merck & Co](#), Patents [736](#), Lit&News [1539](#). Updated on 04-SEP-2009
3. 点击 summary 字段下的“Pioglitazone”显示化学报告

显示Pioglitazone 的药物报告. 点击 “Citations”标签查看 ADMET信息.

CH pioglitazone

SUMMARY

CITATIONS

CITED IN

SYNTHESIS

SAR

ADMET

ADMET 

4. 点击超链接查看 Drugdex 的全文报告

ADMET properties are described in the f

Full ADMET reports

[GLIMEPIRIDE/PIOGLITAZONE HYDROCHLORIDE; METFORMIN HYDROCHLORIDE/PIOGLITAZONE HYDROCHLORIDE; PIOGLITAZONE](#)

ADMET property

Literature

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5. 点击 Literature 数字超链接.返回一系列 Pioglitazone 代谢和毒性的文献与新闻