**Chemical Resource Access Tool**

1. **Introduction**

A public database that enhances understanding about the effects of environmental chemicals on human health. In detail, it contains information about gene/protein-disease associations, chemical-disease associations, interactions between chemicals and genes/proteins, as well as the related pathways.

1. **Implementation Details**

* **URL**: http://ctdbase.org/
* **Element URL**: http://ctdbase.org/detail.go?type=pathway&acc=
* **Logo URL** : http://neurolex.org/w/images/b/bb/CTD.PNG
* **Resource Name** : **Chemical (via NIF)**
* **Resource Id** : **CTDC**
* **Contexts**:

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Context Name** | **Weight (Assumed)** |
| 1 | Chemical Name | 1.0 |
| 2 | CasRN | 0.9 |
| 3 | Definition | 0.8 |
| 4 | ParentIDs | 0.7 |
| 5 | TreeNumbers | 0.6 |
| 6 | ParentTreeNumbers | 0.5 |
| 7 | Synonyms | 0.4 |
| 8 | DrugBankIDs | 0.3 |

1. **Data URLs:**

* http://ctdbase.org/reports/CTD\_chemicals.tsv.gz

1. **References:**

* Home page: <http://ctdbase.org/>
* Tutorial : <http://www.neuinfo.org/tutorials/ctd/ctd_tutorial.shtm>